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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,909,069

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,909,069

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 16, 2018 contains applications open to public inspection from September 30, 2018 to October 6, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 16 octobre 2018 contient les demandes disponibles au public pour consultation pour la période du 30 septembre 2018 au 6 octobre 2018.

Canadian Patents Issued

October 16, 2018

Brevets canadiens délivrés

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[54] **PROCEDE DE DETECTION D'ANTICORPS DANS DES LIQUIDES CORPORELS PAR UNE REACTION IMMUNITAIRE AVEC LA GLYCOPROTEINE 2 (GP2) PROVENANT DE GRAINS DE ZYMOGENE DU PANCREAS POUR DIAGNOSTIQUER DES MALADIES INTESTINALES INFLAMMATOIRES ET LA PANCREATITE CHRONIQUE**
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[54] **COMBINAISONS DE MEDICAMENTS POUR LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
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[54] **PROCEDES CONTINUS DE TRAITEMENT DES LIQUIDES ET DE FABRICATION DE CERTAINS CONSTITUANTS (PAR EXEMPLE DES NANOPARTICULES) DES LIQUIDES, APPAREILS ET NANOPARTICULES ET SOLUTION(S) ABASE DE NANOPARTICULES/LIQUIDE EN RESULTANT**
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[54] **PROCEDE, PROGRAMME ET APPAREIL CONCUS POUR AFFICHER DES OBJETS REPERTORIES DANS UNE BASE DE DONNEES DE GESTION DE CYCLE DE VIE D'UN PRODUIT**
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[54] **RUBAN ADHESIF POUR LE CORPS UTILISE EN KINESIOLOGIE**
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[73] LUMOS, INC., US
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[54] **BRAKE SYSTEM, GENERATOR AND WIND TURBINE**
[54] **SYSTEME DE FREINAGE, GENERATRICE ET EOLIENNE**
[72] ERIKSEN, UFFE, DK
[72] VENG, JENS ANTON AGERSKOV, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **DEVICE AND METHOD FOR DECREASING ENERGY CONSUMPTION OF A PERSON BY USE OF A LOWER EXTREMITY EXOSKELETON**
[54] **DISPOSITIF ET PROCEDE POUR DIMINUER UNE CONSOMMATION ENERGETIQUE D'UNE PERSONNE UTILISANT UN EXOSQUELETTE D'EXTREMITES INFERIEURES**
[72] KAZEROONI, HOMAYOON, US
[72] AMUNDSON, KURT, US
[72] HARDING, NATHAN, US
[73] BERKELEY BIONICS, US
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[54] **REUTILISATION DE FREQUENCES DANS DES SYSTEMES DE COMMUNICATION POSTE A POSTE**
[72] BERCOVICH, DUDU, IL
[72] HERUTI, SHARON, IL
[72] ROSENHOUSE, ISAAC, IL
[73] CERAGON NETWORKS LTD., IL
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[54] **USE OF ELTOPRAZINE FOR IMPROVING SYMPTOMS OF COGNITIVE IMPAIRMENT ASSOCIATED WITH NON-ADHD NEUROLOGICAL AND MENTAL DISORDERS**
[54] **UTILISATION DE L'ELTOPRAZINE POUR AMELIORER LES SYMPTOMES D'ATTEINTES COGNITIVES LIES AUX TROUBLES NEUROLOGIQUES ET MENTAUX NON ASSOCIES AU TDAH**
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[72] DAY, MARK, US
[73] PSYCHOGENICS, INC., US
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[54] **COMPUTATIONAL EFFICIENTLY OBTAINING A CONTROL WORD IN A RECEIVER USING TRANSFORMATIONS**
[54] **EFFICACITE DE CALCUL POUR OBTENIR UN MOT DE COMMANDE DANS UN RECEPTEUR PAR L'UTILISATION DE TRANSFORMATIONS**
[72] BENEDETTI, ETTORE, NL
[72] VAN FOREEST, ARNOUD EVERT, NL
[73] IRDETO B.V., NL
[86] (2726501)
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[54] **PROCEDE ET SYSTEME DE COMMANDE POUR REGULER LA CONVERSION D'ENERGIE D'UN CONVERTISSEUR DE PUISSANCE**
[72] FULCHER, ROBERT VERNON, GB
[72] JONES, RODNEY, GB
[72] WAITE, PHILIP PERRY, GB
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[54] **PILE A COMBUSTIBLE PRESENTANT DES LIMITES DE TRANSFERT DE MASSE REDUITES**
[72] BLANCHET, SCOTT C., US
[72] CONTI, AMEDEO, US
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[73] NUVERA FUEL CELLS, LLC, US
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[54] **SYSTEM AND METHOD FOR PERFORMING AN ELECTROSURGICAL PROCEDURE USING AN ABLATION DEVICE WITH AN INTEGRATED IMAGING DEVICE**
[54] **SYSTEME ET METHODE PERMETTANT DE REALISER UNE INTERVENTION ELECTROCHIRURGICALE A L'AIDE D'UN APPAREIL D'ABLATION MUNI D'UN DISPOSITIF D'IMAGERIE INTEGRE**
[72] KIM, STEVEN, US
[72] RICK, KYLE R., US
[72] PRAKASH, MANI N., US
[73] COVIDIEN LP, US
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[54] **COMPOSITION DESTINEE AU TRAITEMENT DE TROUBLES AUTOIMMUNS**
[72] GISLASON, JOHANNES, IS
[72] EINARSSON, JON M., IS
[72] NG, CHUEN HOW, IS
[73] GENIS HF., IS
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[54] **REACTIFS DE FLOTTATION, ET PROCESSUS DE FLOTTATION UTILISANT CEUX-CI**
[72] CHEN, HAUNN-LIN TONY, US
[72] BHAMBHANI, TARUN, US
[72] VASUDEVAN, MUKUND, US
[72] DEO, PUSPENDU, US
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[54] **COMPOSES AMIDES BETA ET GAMMA-AMINO ISOQUINOLINE ET COMPOSES BENZAMIDE SUBSTITUE**
[72] DELONG, MITCHELL A., US
[72] STURDIVANT, JILL MARIE, US
[72] ROYALTY, SUSAN M., US
[73] AERIE PHARMACEUTICALS, INC., US
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[54] **SYSTEMES DE PRODUCTION D'OXYDE NITRIQUE**
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[72] VASQUEZ, GREGORY, US
[72] JOHNSON, BRYAN, US
[73] VERO BIOTECH LLC, US
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[54] **RECEPTEUR FC GAMMA IIB DESTINE AU TRAITEMENT DE SCLEROSE EN PLAQUE MEDIEE PAR CELLULE BETA**
[72] BUCKEL, PETER, DE
[72] JACOB, UWE, DE
[73] SUPPREMOL GMBH, DE
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[54] **USE OF GLUCONACETOBACTER WITH REDUCED USE OF NITROGEN FERTILIZER TO IMPROVE BEET CROP PRODUCTION**
[54] **UTILISATION DE GLUCONACETOBACTER ET UTILISATION REDUITE D'ENGRAIS AZOTE POUR AMELIORER LA PRODUCTION DE BETTERAVES**
[72] VESSEY, KEVIN J., CA
[72] FEI, HOUMAN, CA
[73] SAINT MARY'S UNIVERSITY, CA
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[54] **METHOD FOR DIAGNOSING LUNG CANCERS USING GENE EXPRESSION PROFILES IN PERIPHERAL BLOOD MONONUCLEAR CELLS**
[54] **PROCEDE DE DIAGNOSTIC DES CANCERS DU POUMON A L'AIDE DE PROFILS D'EXPRESSION GENETIQUE DANS DES CELLULES MONONUCLEAIRES DE SANG PERIPHERIQUE**
[72] SHOWE, MICHAEL, US
[72] SHOWE, LOUISE, US
[72] YOUSEF, MALIK, IL
[72] ALBELDA, STEVEN M., US
[72] VACHANI, ANIL, US
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[72] MORITZ, WOLFGANG, CH
[72] KELM, JENS, CH
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[72] HOERSTRUP, SIMON PHILIP, CH
[73] UNIVERSITAET ZUERICH PROREKTORAT FORSCHUNG, CH
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[54] **INTERFACE UTILISATEUR ELOIGNEE**
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[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **CONTOUR DE CLAVIER REMPLACABLE**
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[72] LIU, JIN, CA
[73] PSION INC., CA
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[54] **CONCEPT DE FIXATION DES AUBES CONCU POUR PROTEGER CONTRE L'USURE CAUSEE PAR LA ROTATION A FAIBLE VITESSE**
[72] BARNETT, BARRY, CA
[72] BONNIERE, PHILIPPE, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[72] YU, JUNYING, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **WEIGHT-BASED CALIBRATION SYSTEM FOR A PRESSURE SENSITIVE CATHETER**
[54] **SYSTEME DE CALIBRATION BASE SUR LE POIDS DESTINE A UN CATHETER SENSIBLE A LA PRESSION**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] EPHRATH, YARON, IL
[73] BIOSENSE WEBSTER (ISRAEL), LTD., IL
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[54] **TRAITEMENT PARALLELE POUR LA SEGMENTATION DE LA FIXATION DU NIVEAU DE DONNEES DE VOLUME**
[72] MITCHELL, JOSEPH ROSS, CA
[72] COSTA SOUSA, MARIO, CA
[72] ROBERTS, MIKE, CA
[73] CALGARY SCIENTIFIC INC., CA
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[54] **APPAREIL DE REFROIDISSEMENT REFROIDI PAR LIQUIDE, BAIE DE MATERIEL ELECTRONIQUE ET LEURS PROCEDES DE FABRICATION**
[72] SIMONS, ROBERT, US
[72] CAMPBELL, LEVI, US
[72] CHU, RICHARD, US
[72] IYENGAR, MADHUSUDAN, US
[72] ELLSWORTH, MICHAEL, JR., US
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[54] **RECEPTEUR DE LYMPHOCYTES T DE FORTE AFFINITE ET SES APPLICATIONS**
[72] SCHENDEL, DOLORES, DE
[72] WILDE, SUSANNE, DE
[72] FRANKENBERGER, BERNHARD, DE
[72] UCKERT, WOLFGANG, DE
[73] HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH), DE
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[54] **SYSTEM AND METHOD FOR DETERMINATION OF POLISHED ROD POSITION FOR RECIPROCATING ROD PUMPS**
[54] **SYSTEME ET METHODE POUR DETERMINER L'EMPLACEMENT DE LA TIGE POLIE DES POMPES ALTERNATIVES A TIGE**
[72] PALKA, KRYSZTOF, CA
[72] CZYZ, JAROSLAW A., CA
[73] AMBYINT INC., CA
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[54] **WIND TURBINE YAW SYSTEM AND METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME D'ORIENTATION D'EOLIENNE ET METHODE DE COMMANDE CONNEXE**
[72] ANDERSEN, KURT, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PROCESS FOR PRODUCING CHLORINE, CAUSTIC SODA, AND HYDROGEN**
[54] **PROCEDE POUR PRODUIRE DU CHLORE, DE LA SOUDE CAUSTIQUE ET DE L'HYDROGENE**
[72] MANDERS, ANTONIUS JACOBUS GERARDUS, NL
[72] OONINCX, JACOBA CORNELIA PETRONELLA ADRIANA, NL
[72] PELKONEN, SAMI PETTERI, DE
[72] BORGHESI, MASSIMO GIOSAFATTE, IT
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[54] **IMPROVED FLOW CONTROL AND IMPROVED HEAT RISE CONTROL DEVICE FOR WATER HEATERS**
[54] **REGULATION DE DEBIT ACCRUE ET DISPOSITIF DE COMMANDE D'AUGMENTATION DE LA CHALEUR AMELIORE POUR CHAUFFE-EAU**
[72] MCQUEEN, E. KEITH, US
[72] COLOMES, EMILY R., US
[72] MASKELL, BRUCE WILLIAM, US
[73] ZODIAC POOL SYSTEMS, INC., US
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[54] **METHOD OF CONTROLLING THE PRODUCTION OF SILVER CHLORIDE ON A SILVER CATALYST IN THE PRODUCTION OF ALKYLENE OXIDES**
[54] **PROCEDE DE COMMANDE DE LA PRODUCTION DE CHLORURE D'ARGENT SUR UN CATALYSEUR A L'ARGENT DANS LA PRODUCTION D'OXYDES D'ALKYLENE**
[72] HENSTOCK, WILLIAM H., US
[72] SERAFIN, JULIANA G., US
[72] LIU, ALBERT C., US
[72] SOO, HWAILI, US
[72] LIU, YUJUN, US
[72] COLAKYAN, MANUK, US
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[54] **DISPOSITIFS ET PROCEDES D'OBSERVATION DE LA DIVISION CELLULAIRE.**
[72] RIVELINE, DANIEL, FR
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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] ROCKEFELLER UNIVERSITY, US
[73] UNIVERSITE PIERRE ET MARIE CURIE PARIS VI, FR
[73] INSTITUT CURIE, FR
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[54] **NEW AND NOVEL ENGINEERING RESIN THERMOPLASTIC SILICONE VULCANIZATES**
[54] **NOUVEAUX VULCANISATS TECHNIQUES DE RESINE SILICONE THERMOPLASTIQUE**
[72] MEHTA, VEERAG YAGNIK, US
[72] ROMENESKO, DAVID, US
[73] POLYMER DYNAMIX, INC., US
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[54] **REVETEMENT ANTICORPS A SURFACE ORIENTEE POUR LA REDUCTION D'UNE RESTENOSE APRES LA POSE D'UNE ENDOPROTHESE**
[72] THOMPSON, MICHAEL, CA
[72] BENVENUTO, PASQUALE, CA
[72] BLASZYKOWSKI, CHRISTOPHE, CA
[73] ECONOUS SYSTEMS INC., CA
[86] (2751947)
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[54] **APPARATUS FOR REDUCING OPERATIONALLY INDUCED DEFORMITIES IN WELL PRODUCTION SCREENS**
[54] **APPAREIL DE REDUCTION DE DEFORMITES INDUITES PAR LES OPERATIONS DANS LES FILTRES DE PRODUCTION DE PUITS**
[72] GUPTA, SUPODH, CA
[72] GITTINS, SIMON, CA
[73] CENOVUS ENERGY INC., CA
[86] (2752022)
[87] (2752022)
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[54] **METHOD FOR CULTIVATING PLANTS AS WELL AS A FLOATING CARRIER**
[54] **PROCEDE DE CULTURE DE PLANTES ET SUPPORT FLOTTANT**
[72] VAN DER KNAAP, MAURICE CORNELIS ANTONIUS, NL
[72] NOORDAM, CHRISTIAAN SILVESTER, NL
[73] CULTIVATION SYSTEMS B.V., NL
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[54] **METHOD AND APPARATUS FOR FABRICATING HIGHLY CONTOURED COMPOSITE STIFFENERS WITH REDUCED WRINKLING**
[54] **METHODE ET APPAREIL POUR LA FABRICATION DE RAIDISSEURS COMPOSITES A PROFIL SINUEUX AVEC PLISSEMENT REDUIT**
[72] BLAND, JAMEL R., US
[73] THE BOEING COMPANY, US
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[87] (2753251)
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[54] **METHOD AND APPARATUS FOR LAYING UP BARREL-SHAPED COMPOSITE STRUCTURES**
[54] **PROCEDE ET APPAREIL POUR L'ASSEMBLAGE DE STRUCTURES COMPOSITES EN FORME DE BARILS**
[72] CROTHERS, PHILLIP JOHN, AU
[73] THE BOEING COMPANY, US
[86] (2753615)
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[54] **METHOD AND APPARATUS FOR CODEBOOK-BASED PRECODING IN MIMO SYSTEMS**
[54] **PROCEDE ET APPAREIL POUR UN PRE-CODAGE BASE SUR UNE LISTE DE CODAGE DANSDES SYSTEMES MIMO**
[72] HOOLI, KARI JUHANI, FI
[72] PAJUKOSKI, KARI PEKKA, FI
[72] TIIROLA, ESA TAPANI, FI
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[54] **DISPOSITIF POUR NETTOYAGE DE PISCINE AVEC ELEMENT FLOTTANT REGLABLE**
[72] SUMONTHEE, JIRAWAT, US
[73] HAYWARD INDUSTRIES, INC., US
[86] (2756377)
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[54] **PROCESS FOR CONTINUOUS PREPARATION OF A PREPOLYMER BASED ON PHENOLIC RESINS, OXAZOLINES AND EPOXIDES**
[54] **PROCEDE DE PREPARATION EN CONTINU D'UN PREPOLYMERE A BASE DE RESINES PHENOLIQUES, D'OXAZOLINES ET D'EPOXYDES**
[72] OMEIS, MARIANNE, DE
[72] VON ITTER, FRANZ-ALBERT, DE
[72] WEIHRAUCH, THOMAS, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **METHOD OF PRODUCING MICROBEADS**
[54] **PROCEDE DE PRODUCTION DE MICROBILLES**
[72] BRODKORB, ANDRE, IE
[72] DOHERTY, SINEAD, IE
[73] AGRICULTURE AND FOOD DEVELOPMENT AUTHORITY (TEAGASC), IE
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[54] **WEDGE FOR A STATOR OF A GENERATOR WITH PREFORMED COIL WINDINGS**
[54] **COIN POUR UN STATOR DE GENERATEUR AVEC ENROULEMENTS DE BOBINE PREFORMES**
[72] KIMIABEIGI, MOHAMMAD, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2759499)
[87] (2759499)
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[54] **RADIATION CURABLE COMPOSITE COATING COMPOSITION USEFUL TO FORM PROTECTIVE COATINGS**
[54] **COMPOSITION DE REVETEMENTS EN COMPOSITE DURCISSABLES PAR RAYONNEMENT ET SERVANT A FORMER DES REVETEMENTS DE PROTECTION**
[72] MIRANTE, JAMES V., US
[72] GRUNEWALDER, JOHN F., US
[73] VALSPAR HOLDINGS I, INC., US
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[54] **COMMUNICATION SYSTEM AND METHOD FOR BROWSER-BASED PHONE NUMBER DETECTION**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION POUR LA DETECTION DE NUMERO DE TELEPHONE A BASE DE NAVIGATEUR**
[72] KALMSTROM, PETER ANDERS, SE
[72] CORR, NICK, GB
[72] HADE, SIMON MICHAEL, GB
[73] SKYPE, IE
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[54] **WIND TURBINE, METHOD OF CONTROL OF A WIND TURBINE AND AIR-CONDITIONING SYSTEM**
[54] **EOLIENNE, METHODE DE REGULATION D'UNE EOLIENNE ET SYSTEME DE CLIMATISATION DE L'AIR**
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **GRIPPING HEAD FOR A ROBOT OR MANIPULATOR OF A CARTONING MACHINE**
[54] **TETE DE PREHENSION POUR ROBOT MANIPULATEUR D'UNE MACHINE A FORMER DES BOITES**
[72] BELLANTE, DANIELE, IT
[73] CAMA1 S.P.A., IT
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[87] (2762812)
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[54] **METHODS OF SCORING GENE COPY NUMBER IN A BIOLOGICAL SAMPLE USING IN SITU HYBRIDIZATION**
[54] **METHODES DE DENOMBREMENT DU NOMBRE DE COPIES DE GENE DANS UN ECHANTILLON BIOLOGIQUE A L'AIDE D'UNE HYBRIDATION IN SITU**
[72] SINGH, SHALINI, US
[72] GAIRE, FABIEN, US
[72] RANGER-MOORE, JAMES, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **ENZYMATIC TREATMENT OF PYROPHEOPHYTIN-CONTAINING PLANT OILS**
[54] **TRAITEMENT ENZYMATIQUE D'HUILES VEGETALES RENFERMANT DE LA PYROPHEOPHYTINE**
[72] SOE, JORN BORCH, DK
[72] POULSEN, CHARLOTTE HORSMANS, DK
[72] ZARGAHI, MASOUD RAJABI, DK
[72] SORENSEN, JENS FRISBAEK, DK
[72] JORGENSEN, TINA, DK
[72] BRUNSTEDT, JANNE, DK
[72] MIKKELSEN, RENE, DK
[72] MADRID, SUSAN MAMPUSTI, US
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[54] **SCAFFOLD FOR REPAIR, REGENERATION OR ENHANCEMENT OF FORMATION OF CARTILAGE OR BONE**
[54] **STRUCTURE DE REPARATION, REGENERATION OU AMELIORATION DE LA FORMATION D'UN CARTILAGE OU D'UN OS**
[72] ALTSCHULER, NIR, IL
[72] VAGO, RAZI, IL
[73] CARTIHEAL (2009) LTD., IL
[85] 2011-12-07
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[25] EN
[54] **PROCESS FOR MANUFACTURING A SURFACE-TREATED COMPACTED MATERIAL PROCESSABLE ON A SINGLE SCREW PLASTICS CONVERSION EQUIPMENT**
[54] **PROCEDE POUR LA FABRICATION D'UN MATERIAU COMPACTE TRAITE EN SURFACE APTE A UN TRAITEMENT SUR UN EQUIPEMENT MONOVIS DE TRANSFORMATION DE MATIERE PLASTIQUE**
[72] AMMANN, ERNST, CH
[72] KNERR, MICHAEL, CH
[72] HALDEMANN, PETER, CH
[72] HERSCHE, EMIL, CH
[73] OMYA INTERNATIONAL AG, CH
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[54] **PROTEINES DE FUSION D'ENDOLYSINE ANTIMICROBIENNES**
[72] MILLER, STEFAN, DE
[73] LYSANDO AG, LI
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[54] **DERMASEPTIN B2 USED AS AN INHIBITOR OF THE GROWTH OF A TUMOR**
[54] **LA DERMASEPTINE B2 COMME INHIBITEUR DE LA CROISSANCE TUMORALE**
[72] DELBE, JEAN, FR
[72] AMICHE, MOHAMED, FR
[72] LADRAM, ALI, FR
[72] GALANTH, CECILE, FR
[72] NICOLAS, PIERRE, FR
[72] HAMMA, YAMINA, FR
[72] VAN ZOGGEL, JOHANNA ALLEGONDA ANNA, FR
[72] COURTY, JOSE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[73] UNIVERSITE PARIS-EST CRETEIL VAL DE MARNE, FR
[73] SORBONNE UNIVERSITE, FR
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[54] **PRESSURE-RELIEF SYSTEM FOR GUN FIRED CANNON CARTRIDGES**
[54] **SYSTEME DE LIMITATION DE PRESSION POUR CARTOUCHES DE CANON MISES A FEU**
[72] SULLIVAN, KEVIN MICHAEL, US
[72] DESMARAIS, BRIAN, US
[73] NOSTROMO HOLDINGS, LLC, US
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[54] **USE OF BARRIER-FORMING POLYMERS WITH HIGH NEPHELOMETRIC TURBIDITY TO PREPARE SKIN PROTECTANTS**
[54] **UTILISATION DE POLYMERES FORMANT UNE BARRIERE AYANT UNE TURBIDITE NEPHELEMETRIQUE EN VUE DE PREPARER DES AGENTS PROTECTEURS DE LA PEAU**
[72] THOERNER, BRIGITTE, DE
[72] ALLEF, PETRA, DE
[72] SCHMIDT, CHRISTIAN, DE
[72] VEEGER, MARCEL, DE
[72] SCHMIDT, STEFANI, DE
[72] KLOEREN, TANJA, DE
[72] CLAASSEN, ANNE, DE
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[54] **VIDANGE ET REALIMENTATION D'UN BIOREACTEUR A MICROSUPPORT**
[72] GUERTIN, PATRICK M., US
[72] CROWELL, JOSEPH D., US
[73] GE HEALTHCARE BIO-SCIENCES CORP., US
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[54] **ARRANGEMENT FOR CONNECTING TWO SUCCESSIVE CONTACT LINE RAILS**
[54] **AGENCEMENT DE RACCORDEMENT DE DEUX RAILS DE LIGNE DE CONTACT SUCCESSIFS**
[72] LINDENAU, THOMAS, DE
[72] KREBS, WOLFGANG, DE
[72] OEMUS, KLAUS-DIETER, DE
[73] KONECRANES GLOBAL CORPORATION, FI
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[54] **ASSEMBLAGE DE GUIDAGE DE TIGE ET D'ELIMINATION DES SOLIDES**
[72] FORD, MICHAEL BRENT, US
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[54] **DISPOSITIF DE FIXATION DE TETE HUMERALE POUR UN OS PRESENTANT UNE OSTEOPOROSE**
[72] SCHALLER, KONRAD, CH
[72] NIEDERBERGER, ALFRED, AT
[72] FIERLBECK, JOHANN, AT
[73] DEPUY SYNTHES PRODUCTS, LLC, US
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[54] **A SET OF OLIGONUCLEOTIDE PROBES AS WELL AS METHODS AND USES RELATED THERETO**
[54] **ENSEMBLE DE SONDES OLIGONUCLEOTIDIQUES, PROCEDES ET UTILISATION DUDIT ENSEMBLE**
[72] BERGMANN, FRANK, DE
[72] EBERLE, WALTER, DE
[72] FISCHER, THOMAS, DE
[72] VON DER ELTZ, HERBERT, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **MEDIA INSERTION SYSTEM**
[54] **SYSTEME D'INSERTION DE MULTIMEDIA**
[72] PATTEN, CHRISTOPHER JOHN, GB
[72] CAINES, CHRISTOPHER DAVID, GB
[72] EALES, JEFFREY RUSSELL, GB
[72] MURRET-LABARTHE, HERVE, GB
[73] SKY CP LIMITED, GB
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[30] GB (0913389.3) 2009-07-31
[30] GB (1003034.4) 2010-02-23
[30] GB (1004738.9) 2010-03-22
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[25] EN
[54] **SOLID-STATE SODIUM-BASED SECONDARY CELL HAVING A SODIUM ION CONDUCTIVE CERAMIC SEPARATOR**
[54] **CELLULE SECONDAIRE A BASE DE SODIUM A L'ETAT SOLIDE AYANT UN SEPARATEUR EN CERAMIQUE CONDUCTEUR D'IONS SODIUM**
[72] BOXLEY, CHETT, US
[72] COORS, WILLIAM GROVER, US
[72] WATKINS, JOHN, US
[73] FIELD UPGRADING USA, INC., US
[85] 2012-02-09
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[25] EN
[54] **SYSTEMS AND METHODS OF SECURING IMMUNITY TO AIR CO2 IN ALKALINE FUEL CELLS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ASSURER L'IMMUNITE CONTRE LE CO2 DE L'AIR DE PILES A COMBUSTION ALCALINES**
[72] GOTTESFELD, SHIMSHON, US
[73] PO-CELLTECH LTD., IL
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[54] **AMBIOPHONIC HEADREST**
[54] **APPUI-TETE AMBIOPHONIQUE**
[72] RIOPEL, LUC, CA
[73] RIOPEL, LUC, CA
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[54] **SEPARABLE HUB POST OF PEN NEEDLE**
[54] **MONTANT D'EMBOITEMENT SEPARABLE POUR AIGUILLE STYLO**
[72] HORVATH, JOSHUA, US
[72] BRIZZOLARA, JOSEPH, US
[72] HWANG, CHARLES, US
[72] BATES, JAMES, US
[72] KNAPP, KEITH, US
[73] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **TERMINAL-PHOSPHATE-LABELED NUCLEOTIDES AND METHODS OF USE**
[54] **NUCLEOTIDES MARQUES SUR LE PHOSPHATE DE TERMINAISON ET METHODES D'UTILISATION**
[72] NELSON, JOHN, US
[72] FULLER, CARL, US
[72] SOOD, ANUP, US
[72] KUMAR, SHIV, US
[73] GE HEALTHCARE BIO-SCIENCES CORP., US
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[25] EN
[54] **DUAL INPUT DRIVE AGB FOR GAS TURBINE ENGINES**
[54] **TURBINE A GAZ D'AERONEF A DOUBLE ENTRAINEMENT POUR TURBOMOTEURS A GAZ**
[72] ELEFTHERIOU, ANDREAS, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2776637)
[87] (2776637)
[22] 2012-05-11
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[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF DARUNAVIR**
[54] **PROCEDE AMELIORE POUR LA PREPARATION DE DARUNAVIR**
[72] VELLANKI, SIVA RAMA PRASAD, IN
[72] SAHU, ARABINDA, IN
[72] KATUKURI, ARAVIND KUMAR, IN
[72] VANAMA, VIKRAM, IN
[72] KOTHARI, SATISHBABU, IN
[72] PONNEKANTI, VENKATA SURYANARAYANA, IN
[72] DATTA, DEBASHISH, IN
[73] MYLAN LABORATORIES LIMITED, IN
[85] 2012-03-19
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[25] EN
[54] **POLYPEPTIDES HAVING OXIDOREDUCTASE ACTIVITY AND THEIR USES**
[54] **POLYPEPTIDES AYANT UNE ACTIVITE OXYDOREDUCTASE ET LEURS UTILISATIONS**
[72] RUIJSSENAARS, HARALD JOHAN, NL
[72] WIERCKX, NICK JOHANNES PETRUS, NL
[72] KOOPMAN, FRANK WOUTER, NL
[72] STRAATHOF, ADRIANUS JOHANNES JOZEF, NL
[72] WINDE, DE, JOHANNES, HENDRIK, NL
[73] PURAC BIOCHEM B.V., NL
[85] 2012-04-12
[86] 2010-09-02 (PCT/EP2010/062896)
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[25] EN
[54] **SYSTEM AND METHOD FOR SEISMIC BEAM FORMATION THAT ACCOUNTS FOR EQUIPMENT MISALIGNMENT**
[54] **SYSTEME ET PROCEDE DE FORMATION DE FAISCEAUX SISMIQUES PRENANT EN COMPTE LE DEFAUT D'ALIGNEMENT DE L'EQUIPEMENT**
[72] HILL, NORMAN ROSS, US
[72] WANG, YUE, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-04-23
[86] 2010-11-05 (PCT/US2010/055736)
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[51] **Int.Cl. A24F 47/00 (2006.01)**
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[54] **A SMOKING SYSTEM HAVING A LIQUID STORAGE PORTION AND IMPROVED AIRFLOW CHARACTERISTICS**
[54] **SYSTEME D'ENFUMAGE COMPRENANT UNE PARTIE DE STOCKAGE DE LIQUIDE ET DES CARACTERISTIQUES AMELIOREES D'ECOULEMENT D'AIR**
[72] THORENS, MICHEL, CH
[72] FLICK, JEAN-MARC, CH
[72] COCHAND, OLIVIER YVES, CH
[72] DUBIEF, FLAVIEN, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2010-10-26 (PCT/EP2010/006534)
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[25] EN
[54] **EXPLOSIVE CLADDING OF AT LEAST TWO METAL PIPES ARRANGED WITHIN EACH OTHER**
[54] **PLACAGE PAR EXPLOSION D'AU MOINS DEUX TUYAUX METALLIQUES AGENCES L'UN DANS L'AUTRE**
[72] VAN EIJKEREN, ERIC PETRUS HYACINTHUS MARIA, NL
[73] VOLKERWESSELS INTELLECTUELE EIGENDOM B.V., NL
[85] 2012-04-25
[86] 2010-10-29 (PCT/NL2010/000157)
[87] (WO2011/053124)
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[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/4188 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF IMIDAZO[2,1-B][1,3]BENZOTHIAZOLE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES D'IMIDAZO[2,1-B][1,3]BENZOTHIAZOLE**
[72] GROSS, TIMOTHY DAVID, US
[72] PRASAD, ACHAMPETA RATHAN, IN
[72] CITINENI, JANAKIRAM RAO, US
[73] AMBIT BIOSCIENCES CORP., US
[85] 2012-04-25
[86] 2010-11-04 (PCT/US2010/055399)
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[54] **HOUSEHOLD APPLIANCE HAVING A DEPLOYABLE WARMING DRAWER MODULE**
[54] **APPAREIL ELECTROMENAGER POURVU D'UN MODULE DE TIROIR CHAUFFANT UTILISABLE**
[72] HARWARD, SAMUEL, US
[72] PARKER, ROSE MARIE, US
[72] RUTHERFORD, MICHAEL, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2779123)
[87] (2779123)
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[25] EN
[54] **PROCESS FOR CONTINUOUS PRODUCTION OF DUCTILE MICROWIRES FROM GLASS FORMING SYSTEMS**
[54] **PROCEDE DE PRODUCTION CONTINUE DE MICROFILS DUCTILES A PARTIR DE SYSTEMES VITRIFIANTS**
[72] BRANAGAN, DANIEL JAMES, US
[72] SERGUEEVA, ALLA V., US
[72] ZHOU, JIKOU, US
[72] MILLOWAY, JAMES N., US
[73] THE NANOSTEEL COMPANY, INC., US
[85] 2012-04-20
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[30] US (61/254,044) 2009-10-22

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[25] EN
[54] **MORPHOLINOTHIAZOLES AS ALPHA 7 POSITIVE ALLOSTERIC MODULATORS**
[54] **MORPHOLINOTHIAZOLES EN TANT QUE MODULATEURS ALLOSTERIQUES POSITIFS D'ALPHA 7**
[72] MACDONALD, GREGOR JAMES, BE
[72] DE BOECK, BENOIT CHRISTIAN ALBERT GHISLAIN, BE
[72] LEENAERTS, JOSEPH ELISABETH, BE
[73] JANSSEN PHARMACEUTICA NV, BE
[85] 2012-05-07
[86] 2010-11-25 (PCT/EP2010/068193)
[87] (WO2011/064288)
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[25] EN
[54] **COMBINATIONS OF A MUSCARINIC RECEPTOR ANTAGONIST AND A BETA-2 ADRENORECEPTOR AGONIST**
[54] **COMBINAISONS D'UN ANTAGONISTE DE RECEPTEUR MUSCARINIQUE ET D'UN AGONISTE DU RECEPTEUR BETA-2 ADRENERGIQUE**
[72] BAKER, DARRELL, GB
[72] BRUCE, MARK, GB
[72] CRATER, GLENN, US
[72] NOGA, BRIAN, US
[72] THOMAS, MARIAN, GB
[72] WIRE, PATRICK, US
[73] GLAXO GROUP LIMITED, GB
[85] 2012-05-18
[86] 2010-11-29 (PCT/EP2010/068429)
[87] (WO2011/067212)
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[51] **Int.Cl. H03L 7/00 (2006.01) H04L 7/00 (2006.01)**
[25] EN
[54] **CLOCK DOMAIN CROSSING INTERFACE**
[54] **INTERFACE DE CROISEMENT DE DOMAINE D'HORLOGE**
[72] MADDIGAN, STEVEN WILLIAM, CA
[72] EPASSA HABIB, DIMITRI GABRIEL, CA
[73] PSION INC., CA
[86] (2781953)
[87] (2781953)
[22] 2012-06-28
[30] US (13/176,160) 2011-07-05

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[51] **Int.Cl. C12N 9/34 (2006.01) C12P 7/06 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING GLUCOAMYLASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME**
[54] **POLYPEPTIDES A ACTIVITE GLUCOAMYLASE ET POLYNUCLEOTIDES CODANT POUR LESDITS POLYPEPTIDES**
[72] LANDVIK, SARA, DK
[72] MORANT, MARC DOMINIQUE, DK
[72] AYABE, KEIICHI, JP
[72] COWARD-KELLY, GUILLERMO, US
[73] NOVOZYMES A/S, DK
[73] NOVOZYMES NORTH AMERICA, INC., US
[85] 2012-05-28
[86] 2010-11-30 (PCT/US2010/058438)
[87] (WO2011/066576)
[30] US (61/264,977) 2009-11-30

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[51] **Int.Cl. A61M 37/00 (2006.01) A61K 9/70 (2006.01) A61K 38/24 (2006.01) A61K 38/27 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM FOR THE ADMINISTRATION OF PEPTIDES**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE POUR L'ADMINISTRATION DE PEPTIDES**
[72] HORSTMANN, MICHAEL, DE
[72] HOFFMANN, GERD, DE
[72] WIEDERSBERG, SANDRA, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2012-06-01
[86] 2010-12-02 (PCT/EP2010/007323)
[87] (WO2011/066971)
[30] DE (10 2009 056 745.3) 2009-12-04

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[51] **Int.Cl. G01N 33/574 (2006.01) G01N 33/566 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING MALIGNANT TUMOR**
[54] **PROCEDE POUR LE DIAGNOSTIC DE TUMEUR MALIGNE**
[72] EBINUMA, HIROYUKI, JP
[72] TAKUBO, KOHEI, JP
[72] MATSUO, MASANAO, JP
[72] FUKAMACHI, ISAMU, JP
[72] BUJO, HIDEAKI, JP
[72] NAKASEKO, CHIAKI, JP
[72] SAITO, YASUSHI, JP
[73] SEKISUI MEDICAL CO., LTD., JP
[85] 2012-06-05
[86] 2010-12-15 (PCT/JP2010/072521)
[87] (WO2011/074594)
[30] JP (2009-285492) 2009-12-16
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[51] **Int.Cl. G03G 15/14 (2006.01) C08G 64/06 (2006.01)**
[25] EN
[54] **BIARYL POLYCARBONATE INTERMEDIATE TRANSFER MEMBERS**
[54] **ELEMENTS DE TRANSFERT INTERMEDIAIRES CONTENANT DU POLYCARBONATE BIARYLIQUE**
[72] WU, JIN, US
[73] XEROX CORPORATION, US
[86] (2783844)
[87] (2783844)
[22] 2012-07-27
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[51] **Int.Cl. C12P 19/04 (2006.01) B01D 61/14 (2006.01) C08B 37/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF HOMOPOLYSACCHARIDES**
[54] **PROCEDE DE PREPARATION D'HOMOPOLYSACCHARIDES**
[72] THIERRE, JOERG, DE
[72] VOSS, HARTWIG, DE
[72] SCHMIDT, JULIA KRISTIANE, DE
[72] FAUST, TILLMANN, DE
[72] HOLLMANN, RAJAN, DE
[73] WINTERSHALL HOLDING GMBH, DE
[85] 2012-06-13
[86] 2010-12-13 (PCT/EP2010/069518)
[87] (WO2011/082973)
[30] EP (09179716.7) 2009-12-17
[30] US (61/287,224) 2009-12-17

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN ELONGATE HEATER FOR AN ELECTRICALLY HEATED AEROSOL-GENERATING SYSTEM**
[54] **ELEMENT CHAUFFANT ALLONGE POUR SYSTEME GENERATEUR D'AEROSOL CHAUFFE ELECTRIQUEMENT**
[72] GREIM, OLIVIER, CH
[72] PLOJOUX, JULIEN, CH
[72] RUSCIO, DANI, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2012-06-21
[86] 2010-12-22 (PCT/EP2010/007874)
[87] (WO2011/076407)
[30] EP (09252900.7) 2009-12-23

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[51] **Int.Cl. G06F 1/26 (2006.01) G06F 1/32 (2006.01)**
[25] EN
[54] **PROVIDING POWER TO AN ACCESSORY DURING PORTABLE COMPUTING DEVICE HIBERNATION**
[54] **ALIMENTATION D'UN ACCESSOIRE PENDANT LA VEILLE PROLONGEE D'UN DISPOSITIF INFORMATIQUE PORTABLE**
[72] WALSH, ROBERT, US
[72] TERLIZZI, JEFF, US
[72] MINOO, JAHAN, US
[72] BOLTON, LAWRENCE G., US
[73] APPLE INC., US
[85] 2012-06-29
[86] 2010-09-23 (PCT/US2010/049919)
[87] (WO2011/084195)
[30] US (61/292,626) 2010-01-06
[30] US (12/793,364) 2010-06-03

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[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1-(5-TERT-BUTYL-2-PHENYL-2H-PYRAZOL-3-YL)-3-[2-FLUORO-4-(1-METHYL-2-OXO-2,3-DIHYDRO-1H-IMIDAZO[4,5-B]PYRIDIN-7-YLOXY)-PHENYL]-UREA AND RELATED COMPOUNDS AND THEIR USE IN THERAPY**
[54] **1-(5-TERT-BUTYL-2-PHENYL-2H-PYRAZOL-3-YL)-3-[2-FLUORO-4-(1-METHYL-2-OXO-2,3-DIHYDRO-1H-IMIDAZO[4,5-B]PYRIDIN-7-YLOXY)-PHENYL]-UREE ET COMPOSES ASSOCIES, ET LEUR UTILISATION DANS DES TRAITEMENTS**
[72] SPRINGER, CAROLINE, GB
[72] NICULESCU-DUVAZ, ION, GB
[72] MARAIS, RICHARD, GB
[72] NICULESCU-DUVAZ, DAN, GB
[72] ZAMBON, ALFONSO, GB
[72] MENARD, DELPHINE, FR
[73] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[73] INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE), GB
[85] 2012-07-10
[86] 2011-01-27 (PCT/GB2011/000106)
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[25] FR
[54] **USE OF SYNTHETIC POLYSULPHATED OLIGOSACCHARIDES AS CLEANING AGENTS FOR A WOUND**
[54] **UTILISATION D'OLIGOSACCHARIDES POLYSULFATES SYNTHETIQUES COMME AGENTS DE DETERSION D'UNE PLAIE**
[72] APERT, LAURENT, FR
[72] LAURENSOU, CHRISTELLE, FR
[72] NICOT, DOMINIQUE, FR
[73] LABORATOIRES URGO, FR
[85] 2012-07-26
[86] 2011-02-16 (PCT/FR2011/050329)
[87] (WO2011/101594)
[30] FR (1051142) 2010-02-17

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[13] C
[51] **Int.Cl. A01N 43/40 (2006.01) A01N 65/26 (2009.01) A01N 43/90 (2006.01) A01N 65/00 (2009.01) A01P 7/04 (2006.01)**
[25] EN
[54] **ACTIVE SUBSTANCE COMBINATION CONTAINING AZADIRACHTIN AND A SUBSTITUTED ENAMINO CARBONYL COMPOUND**
[54] **COMBINAISON DE SUBSTANCES ACTIVES CONTENANT DE L'AZADIRACHTINE ET UN COMPOSE ENAMINOCARBONYLE SUBSTITUE**
[72] KILIAN, MICHAEL, DE
[72] DOTH, MARGIT, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-08-02
[86] 2011-02-03 (PCT/EP2011/051577)
[87] (WO2011/095554)
[30] US (61/301,755) 2010-02-05
[30] EP (10152723.2) 2010-02-05

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[13] C
[51] **Int.Cl. B26D 1/547 (2006.01) B65H 49/00 (2006.01)**
[25] EN
[54] **WIRE HANDLING FOR VEHICLE GLAZING PANEL CUT OUT**
[54] **MANIPULATION DE FIL POUR LA DECOUPE D'UN PANNEAU DE VITRAGE DE VEHICULE**
[72] FINCK, WILLIAM, GB
[73] BELRON INTERNATIONAL LIMITED, GB
[85] 2012-08-07
[86] 2011-02-16 (PCT/GB2011/050299)
[87] (WO2011/101667)
[30] GB (1002856.1) 2010-02-19

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[51] **Int.Cl. A01N 25/30 (2006.01) A01N 37/40 (2006.01) A01N 39/02 (2006.01) A01N 39/04 (2006.01) A01N 43/40 (2006.01) A01N 43/42 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **SURFACTANT BLENDS FOR AUXIN ACTIVITY HERBICIDES**
[54] **MELANGES DE TENSIOACTIFS POUR DES HERBICIDES A ACTIVITE D'AUXINE**
[72] SUN, JINXIA SUSAN, US
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2012-08-15
[86] 2011-02-22 (PCT/EP2011/052554)
[87] (WO2011/104211)
[30] US (61/308,036) 2010-02-25
[30] EP (10162156.3) 2010-05-06

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[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **MAGNETS-BASED TOOL FOR PULSING INJECTED LIQUID**
[54] **OUTIL POURVU D'AIMANTS POUR INJECTER UN LIQUIDE PAR IMPULSIONS**
[72] LEFEBVRE, LANCE LEO, CA
[73] WAVEFRONT RESERVOIR TECHNOLOGIES LTD., CA
[85] 2012-08-16
[86] 2011-02-21 (PCT/CA2011/000194)
[87] (WO2011/100834)
[30] GB (1002854.6) 2010-02-19

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[13] C
[51] **Int.Cl. C08G 18/32 (2006.01) C08G 18/66 (2006.01) C08G 18/80 (2006.01)**
[25] EN
[54] **MELT PROCESSABLE COPOLYUREA ELASTOMERS**
[54] **ELASTOMERES DE COPOLYMERE DE POLYUREE POUVANT ETRE TRAITES A L'ETAT FONDU**
[72] STEINMETZ, BRYCE W., US
[72] MAKAL, UMIT G., US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2012-08-16
[86] 2011-02-24 (PCT/US2011/026023)
[87] (WO2011/109213)
[30] US (61/309,079) 2010-03-01

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[72] TRKSAK, THOMAS CHRISTOPHER, US
[73] NAVITAIRE LLC, US
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[54] **MESURES ET RAPPORTS DE PERFORMANCE DE TRAJET DE CONVERSION**
[72] TANGNEY, CAMERON M., US
[72] HSIAO, SISSIE LING-LE, US
[72] CAI, CHAO, US
[73] GOOGLE LLC, US
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[54] **CORNER AND ROLLER ASSEMBLY FOR A SLIDING PANEL**
[54] **ENSEMBLE DE COIN ET ROULEMENT POUR PANNEAU COULISSANT**
[72] AUBERT, DANIEL, CA
[72] FONTAINE, GAETAN, CA
[73] GROUPE PROMAX INC., CA
[86] (2791699)
[87] (2791699)
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF RUBBER IONOMERS AND POLYMER NANOCOMPOSITES**
[54] **PROCEDE DE PRODUCTION D'IONOMERES DE CAOUTCHOUC ET DE NANOCOMPOSITES POLYMERES**
[72] KIRCHHOFF, JORG, DE
[72] FELLER, ROLF, DE
[72] WAGNER, PAUL, DE
[72] PAUL, HANNS-INGOLF, DE
[72] ADKINSON, DANA, CA
[72] GRONOWSKI, ADAM, CA
[72] LOVEGROVE, JOHN, CA
[72] MAGILL, PHIL, CA
[73] ARLANXEO DEUTSCHLAND GMBH, DE
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[54] **MECHANISMS FOR DEPLOYING AND ACTUATING AIRFOIL-SHAPED BODIES ON UNMANNED AERIAL VEHICLES**
[54] **MECANISMES POUR DEPLOYER ET ACTIVER LES CORPS PROFILES SUR LES VEHICULES AERIENS NON HABITES**
[72] GETTINGER, JONATHAN DAVID, US
[73] THE BOEING COMPANY, US
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[87] (2793114)
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[54] **COMMANDE TACTILE DE NIVEAU D'OEIL DE PATIENT**
[72] KOONTZ, JOHN, US
[72] BOUKHNY, MIKHAIL, US
[72] THOE, DAVID A., US
[73] ALCON RESEARCH, LTD., US
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[54] **METHOD TO DETERMINE MATERIAL CHARACTERISTICS OF AN OBJECT**
[54] **PROCEDE DE DETERMINATION DE CARACTERISTIQUES MATERIELLES D'UN OBJET**
[72] ERTL, THOMAS, DE
[72] HIBST, RAIMUND, DE
[72] STOCK, KARL, DE
[72] GRASER, RAINER, DE
[72] ZINT, MICHAEL, DE
[73] DENTSPLY SIRONA INC., US
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[54] **ADDITIVE FOR PERFORMANCE ENHANCEMENT OF BIOPOLYMER ARTICLES**
[54] **ADJUVANT POUR L'AMELIORATION DES PERFORMANCES D'ARTICLES EN BIOPOLYMERES**
[72] GEORGELOS, PAUL, US
[72] MONTEFUSCO, PAT, US
[72] SKAGGS, JEANNE M., US
[72] WYSLOTSKY, BOHDAN, US
[73] CLEAR LAM PACKAGING, INC., US
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[54] **INJECTION SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE POUR INJECTION**
[72] YEUNG, ALEX, CA
[73] MJ & AJ HOLDINGS LTD., CA
[73] YEUNG, ALEX, CA
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[54] **ANTI-SKID HIGH RETROREFLECTIVITY PREFORMED THERMOPLASTIC COMPOSITES FOR RUNWAY APPLICATIONS**
[54] **COMPOSES THERMOPLASTIQUES PREFORMES RETROREFLECHISSANTS ANTIDERAPANTS POUR LES PISTES D'AEROPORT**
[72] GREER, ROBERT W., US
[72] YAKOPSON, SIMON, US
[72] BINDER, CATHERINE, US
[73] FLINT TRADING, INC., US
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[25] FR
[54] **PROCESS FOR TREATING A STREAM OF CRACKED GAS COMING FROM A HYDROCARBON PYROLYSIS PLANT, AND ASSOCIATED PLANT**
[54] **PROCEDE DE TRAITEMENT D'UN COURANT DE GAZ CRAQUE ISSU D'UNE INSTALLATION DE PYROLYSE D'HYDROCARBURES ET INSTALLATION ASSOCIEE**
[72] SIMON, YVON, FR
[72] LAUGIER, JEAN-PAUL, FR
[73] TECHNIP FRANCE, FR
[85] 2012-09-27
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[54] **STABILISATION DE PARTICULES VIRALES**
[72] DREW, JEFFREY, GB
[72] WOODWARD, DAVID, GB
[72] BAINBRIDGE, JOHN, GB
[72] CORTEYN, AMANDA, GB
[73] STABILITECH LTD., GB
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[54] **DENTAL COMPOSITION**
[54] **COMPOSITION DENTAIRE**
[72] RICHARD, GILLES, FR
[72] MARIE, OLIVIER, FR
[73] SEPTODONT OU SEPTODONT SAS OU SPECIALITES SEPTODONT, FR
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[54] **TAPENTADOL DESTINE A ETRE UTILISE DANS LE TRAITEMENT DU SYNDROME DU COLON IRRITABLE**
[72] SCHIENE, KLAUS, DE
[72] BLOMS-FUNKE, PETRA, DE
[72] CHRISTOPH, THOMAS, DE
[72] SCHROEDER, WOLFGANG, DE
[73] GRUENENTHAL GMBH, DE
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[54] **WIND TURBINE WITH SEALED OFF STATOR CHAMBER**
[54] **EOLIENNE DOTEE D'UNE ENCEINTE DE STATOR SCELLEE**
[72] REBSDORF, ANDERS VARMING, DK
[72] CHRISTENSEN, MOGENS, DK
[73] ENVISION ENERGY (DENMARK) APS, DK
[86] (2796184)
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[54] **LINER/MEDIUM/PAPER FOR LAMINATED PANEL**
[54] **PAPIER DOUBLURE / SUPPORT POUR PANNEAU STRATIFIE**
[72] PROPST, CHARLES W., US
[73] SPECTRA-KOTE CORPORATION, US
[85] 2012-10-15
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[54] **DEVICE AND METHOD FOR STORING HEAT**
[54] **DISPOSITIF ET PROCEDE POUR ACCUMULER DE LA CHALEUR**
[72] WORTMANN, JUERGEN, DE
[72] SCHAEFER, CLAUS, DE
[72] LUTZ, MICHAEL, DE
[72] SEELER, FABIAN, DE
[72] GAERTNER, MARTIN, DE
[72] MAJOR, FELIX, DE
[72] SCHIERLE-ARNDT, KERSTIN, DE
[72] MACHHAMMER, OTTO, DE
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[54] **SENSOR ARRAY FOR LOCATING AN OBJECT IN SPACE**
[54] **ENSEMBLE DE CAPTEURS POUR LOCALISER UN OBJET DANS L'ESPACE**
[72] CARROLL, AARON D., US
[72] HALL, KRISTOPHER C., US
[72] NIBALI, BENJAMIN D., US
[73] CGW CANADA INC., CA
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[54] **5,6-DIHYDRO-2H-[1,4]OXAZIN-3-YL-AMINE DERIVATIVES USEFUL AS INHIBITORS OF BETA-SECRETASE (BACE)**
[54] **DERIVES DE 5,6-DIHYDRO-2H-[1,4]OXAZIN-3-YLAMINE UTILES COMME INHIBITEURS DE BETA-SECRETASE (BACE)**
[72] TRABANCO-SUAREZ, ANDRES AVELINO, ES
[72] ROMBOUTS, FREDERIK JAN RITA, BE
[72] TRESADERN, GARY JOHN, ES
[72] VAN GOOL, MICHIEL LUC MARIA, ES
[72] MACDONALD, GREGOR JAMES, BE
[72] MARTINEZ LAMENCA, CAROLINA, BE
[72] GIJSEN, HENRICUS JACOBUS MARIA, BE
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **SUSPENSION DE RIFAXIMINE PRETE A L'EMPLOI**
[72] JAHAGIRDAR, HARSHAL ANIL, IN
[72] KONDA, KISHORE KUMAR, IN
[72] DALAL, SATISH KUMAR, IN
[72] KULKARNI, SHIRISHKUMAR, IN
[73] LUPIN LIMITED, IN
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[54] **RAIL ANCHOR**
[54] **ANTICHEMINANT**
[72] BARRY, DAVID M., US
[72] AUSTIN, TIMOTHY JOHN, US
[72] PISANO, LUIGI, CA
[73] LEWIS BOLT & NUT COMPANY, US
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[25] EN
[54] **APPARATUS AND METHOD FOR REMAINDER-LESS UPTAKE OF LIQUIDS FROM VESSELS**
[54] **DISPOSITIF ET PROCEDE DE COLLECTE INTEGRALE DE LIQUIDES A PARTIR DE RECIPIENTS**
[72] A BRASSARD, LOTHAR, DE
[72] JAENTGES, UWE, DE
[73] PERKINELMER CHEMAGEN TECHNOLOGIE GMBH, DE
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[54] **FILTRE POUR LA FUMEE DE TABAC**
[72] CLARKE, PAUL FRANCIS, GB
[72] LISAN, AHMAD FASHIHUL, ID
[73] FILTRONA FILTER PRODUCTS DEVELOPMENT CO. PTE. LTD., SG
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[54] **PROCEDE PERMETTANT D'AMELIORER LA PRODUCTION D'UN CHAMP GAZIER OU PETROLIER PARVENU A MATURITE**
[72] OURY, JEAN-MARC, FR
[72] HEINTZ, BRUNO, FR
[72] DE SAINT GERMAIN, HUGUES, FR
[72] DAUDIN, REMI, FR
[72] DESJARDINS, BENOIT, FR
[73] FOROIL, FR
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[54] **BIOTECHNOLOGICAL PRODUCTION OF CHONDROITIN**
[54] **PRODUCTION BIOTECHNOLOGIQUE DE CHONDROITINE**
[72] TRILLI, ANTONIO, CH
[72] BUSIELLO, IMMACOLATA, CH
[72] DALY, SIMONA, IT
[72] BAGATIN, FRANCESCA, IT
[73] GNOSIS S.P.A., IT
[85] 2012-12-06
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[54] **ARRANGEMENT OF A SUSPENSION AND OF A RAIL**
[54] **ARRANGEMENT COMPOSE D'UNE SUSPENSION ET D'UN RAIL**
[72] SPIES, GERD, DE
[72] FITZLER, STEFAN, DE
[72] MUELLER, SVEN, DE
[73] KONECRANES GLOBAL CORPORATION, FI
[85] 2012-12-11
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[25] EN
[54] **2-QUINOLINYL-ACETIC ACID DERIVATIVES AS HIV ANTIVIRAL COMPOUNDS**
[54] **DERIVES D'ACIDE 2-QUINOLINYL-ACETIQUE EN TANT QUE COMPOSES ANTIVIRAUX CONTRE LE VIH**
[72] BABAOGLU, KERIM, US
[72] BJORNSON, KYLA, US
[72] GUO, HONGYAN, US
[72] HALCOMB, RANDALL L., US
[72] LINK, JOHN O., US
[72] LIU, HONGTAO, US
[72] MITCHELL, MICHAEL L., US
[72] SUN, JIANYU, US
[72] VIVIAN, RANDALL W., US
[72] XU, LIANHONG, US
[72] TAYLOR, JAMES, US
[73] GILEAD SCIENCES, INC., US
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[25] EN
[54] **MAGNETIC DRAPE REDUCING MAGNETIC INTERFERENCES E.G., IN SURGICAL APPLICATIONS**
[54] **RIDEAU MAGNETIQUE REDUISANT DES INTERFERENCES MAGNETIQUES EG DANS LES APPLICATIONS MEDICALES**
[72] FORTIER, LOUIS-PHILIPPE, CA
[72] ZAPHIRATOS, VALERIE, CA
[72] BURMAN, HOWARD, CA
[72] SPOONER, DANIEL, CA
[72] GOSSELIN, RENE, CA
[72] COTE, RICHARD, CA
[73] RSEM, LIMITED PARTNERSHIP, CA
[85] 2012-12-19
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[25] EN
[54] **METHOD AND CLAMPING FIXTURE FOR THE PRODUCING OF A DENTAL DRILLING TEMPLATE**
[54] **PROCEDE ET DISPOSITIF DE SERRAGE POUR LA FABRICATION D'UN GABARIT DE PERCAGE MEDICO-DENTAIRE**
[72] PIEPER, REINHARD, DE
[73] SIRONA DENTAL SYSTEMS GMBH, DE
[85] 2012-12-20
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[30] DE (10 2010 031 018.2) 2010-07-06

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[54] **METHODS FOR STORING CARBON DIOXIDE COMPOSITIONS IN SUBTERRANEAN GEOLOGICAL FORMATIONS AND ARRANGEMENTS FOR USE IN SUCH METHODS**
[54] **PROCEDES POUR LE STOCKAGE DE COMPOSITIONS DE DIOXYDE DE CARBONE DANS DES FORMATIONS GEOLOGIQUES SOUTERRAINES ET AGENCEMENTS DESTINES A ETRE UTILISES DANS DE TELS PROCEDES**
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[72] NAZARIAN, BAMSHAD, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **SUPERPOSITION 3D DE METADONNEES DE CARTE**
[72] FONG, JEFFREY CHENG-YAO, US
[72] BARNETT, DONALD ALLEN, US
[72] BRAFF, ERIC NEAL, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **APPARATUS AND METHOD FOR DETERMINING ANALYTE CONTENT IN A FLUID**
[54] **APPAREIL ET PROCEDE PERMETTANT DE DETERMINER UNE CONCENTRATION D'ANALYTE DANS UN FLUIDE**
[72] MARTIN, TYLER P., US
[72] DOUCETTE, LUKE, US
[72] SMITH, DEAN J., US
[72] SCHWARZ, THOMAS P., US
[73] ORONO SPECTRAL SOLUTIONS, INC., US
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[54] **BANDELETTE REACTIVE SANGUINE ET SYSTEME DE CATHETER INTRAVEINEUX**
[72] BURKHOLZ, JONATHAN KARL, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **MEDICAMENTS EN DUPLEX A BASE DE BISPHOSPHONATE A CIBLAGE OSSEUX**
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[25] EN
[54] **COMBINATION OF A PYRROLOQUINOLINE COMPOUND AND A BETA-LACTAM ANTIMICROBIAL AGENT, MUPIROCIN OR CHLORHEXIDINE**
[54] **COMBINAISON D'UNE PYRROQUINOLEINE ET D'UN AGENT ANTIMICROBIEN DE TYPE BETA-LACTAME, DE MUPIROCINE OU DE CHLORHEXIDINE**
[72] HU, YANMIN, GB
[72] COATES, ANTHONY R. M., GB
[73] HELPERBY THERAPEUTICS LIMITED, GB
[85] 2013-01-29
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[54] **ANTI-MICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIMICROBIENNES**
[72] CALDER, CODY, NZ
[72] FORD, STEPHEN, NZ
[72] SELWOOD, ANDREW IAN, NZ
[72] VAN GINKEL, ROEL, NZ
[72] WILKINS, ALISTAIR LAWRENCE, NZ
[73] BIOTELLIGA HOLDINGS LIMITED, NZ
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[54] **ASSEMBLY TO FACILITATE USER RECONSTITUTION**
[54] **ENSEMBLE POUR FACILITER UNE RECONSTITUTION PAR UN UTILISATEUR**
[72] ARIAGNO, SCOTT, US
[72] HOUGHTON, FREDERICK CHARLES, II, US
[72] ROUSH, DANIEL E., US
[73] BAXALTA GMBH, CH
[73] BAXALTA INCORPORATED, US
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[54] **USE OF GLYCYRRHETINIC ACID, GLYCYRRHIZIC ACID AND RELATED COMPOUNDS FOR PREVENTION AND/OR TREATMENT OF PULMONARY FIBROSIS**
[54] **UTILISATION D'ACIDE GLYCYRRHETINIQUE, D'ACIDE GLYCYRRHIZIQUE ET DE COMPOSES ASSOCIES POUR PREVENTION ET/OU TRAITEMENT DE FIBROSE PULMONAIRE**
[72] ZHANG, WEIJIAN, CN
[72] XU, JIANHUA, CN
[72] YANG, SHANMIN, US
[72] ZHANG, LURONG, US
[73] ZHANG, LURONG, US
[85] 2013-02-21
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[54] **ARRANGEMENT OF A RAIL AND A SLIP CONTACT HOLDER MOUNTED THEREON**
[54] **ARRANGEMENT COMPOSE D'UN RAIL ET D'UN SUPPORT DE LIGNE DE CONTACT FIXE A CELUI-CI**
[72] SPIES, GERD, DE
[72] FITZLER, STEFAN, DE
[72] MUELLER, SVEN, DE
[73] KONECRANES GLOBAL CORPORATION, FI
[85] 2013-02-22
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[54] **CONTINUOUSLY ADJUSTABLE CONTROL MANAGEMENT FOR A HYDRAULIC TRACK SYSTEM**
[54] **GESTION DE COMMANDE CONTINUELLEMENT REGLABLE POUR UN SYSTEME DE SUIVI HYDRAULIQUE**
[72] RASZGA, CALIN, US
[72] RAMLER, MATTHEW J., US
[72] NEUMANN, BYRON P., CA
[73] DEERE & COMPANY, US
[86] (2809481)
[87] (2809481)
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[25] EN
[54] **PREFABRICATED PANELS AND METHOD OF MAKING A ROOF**
[54] **PANNEAUX PREFABRIQUES ET PROCEDE DE FABRICATION DE TOIT**
[72] BELANGER, ALAIN, CA
[73] CORRUVEN CANADA INC., CA
[85] 2013-02-27
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[54] **COMPRESSOR WITH LIQUID INJECTION COOLING**
[54] **COMPRESSEUR A REFROIDISSEMENT PAR INJECTION DE LIQUIDE**
[72] SANTOS, PEDRO, US
[72] PITTS, JEREMY, US
[72] NELSON, ANDREW, US
[72] SANTEN, JOHANNES, US
[72] WALTON, JOHN, US
[72] WESTWOOD, MITCHELL, US
[72] O'HANLEY, HARRISON, US
[73] HICOR TECHNOLOGIES, INC., US
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[25] EN
[54] **NASAL INTERMITTENT MANDATORY VENTILATION (NIMV) CONTROL SYSTEM IN A VENTILATOR**
[54] **SYSTEME DE COMMANDE DE VENTILATION NASALE OBLIGATOIRE INTERMITTENTE (NIMV) DANS UN RESPIRATEUR**
[72] LIU, YONG, US
[73] CAREFUSION 207, INC., US
[85] 2013-02-28
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[25] EN
[54] **RADAR SYSTEM AND METHODS OF CONTROLLING A RADAR SYSTEM AND THE PROVISION OF A RANGE-DOPPLER TARGET IMAGE SIGNATURE**
[54] **SYSTEME RADAR ET PROCEDES DE COMMANDE D'UN SYSTEME RADAR ET FOURNITURE D'UNE SIGNATURE DE L'IMAGE DE CIBLE PORTEE-DOPPLER**
[72] EMERY, DAVID JAMES, GB
[72] TAIT, PETER DONALD FRASER, GB
[73] BAE SYSTEMS PLC, GB
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[54] **METHOD FOR MANAGING A MULTI-VESSEL SEISMIC SYSTEM**
[54] **PROCEDE DE GESTION D'UN SYSTEME SISMIQUE A PLUSIEURS BATEAUX**
[72] RENAUD, DIDIER, FR
[73] SERCEL, FR
[86] (2810810)
[87] (2810810)
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[54] **TYPE-II HIGH BANDGAP TUNNEL JUNCTIONS OF INP LATTICE CONSTANT FOR MULTIJUNCTION SOLAR CELLS**
[54] **JONCTIONS A EFFET TUNNEL A LARGEUR DE BANDE INTERDITE ELEVEE DE TYPE II DE CONSTANTE DU RESEAU CRISTALLIN INP POUR CELLULES SOLAIRES MULTIJONCTION**
[72] WOO, ROBYN L., US
[72] LAW, DANIEL C., US
[72] BOISVERT, JOSEPH CHARLES, US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **DEVICE FOR BOAT PROPULSION OR ENERGY PRODUCTION**
[54] **DISPOSITIF DE PROPULSION DE BATEAU OU DE PRODUCTION D'ENERGIE**
[72] GIDLUND, PER, SE
[73] COSMOMIND AB, SE
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[54] **LINEAR ACTUATOR**
[54] **ACTIONNEUR LINEAIRE**
[72] ALFANO, DON C., US
[72] LIPSETT, ROBERT, US
[72] MYERS, EDWARD, US
[72] NICHOLS, GREGORY, US
[72] PAULSSON, PETER, SE
[73] DANAHER CORPORATION, US
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[54] **HANDS-FREE BREAST PUMP SYSTEM**
[54] **SYSTEME DE TIRE-LAIT A MAIN LIBRE**
[72] BRITTNER, LYNDON, US
[73] BRITTNER, LYNDON, US
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[72] THAERIGEN, JAN, CH
[73] ROBERT BOSCH GMBH, DE
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[54] **SYSTEM AND METHOD FOR SHARED SESSION APPEARANCE IN A HYBRID PEER-TO-PEER ENVIRONMENT**
[54] **SYSTEME ET PROCEDE POUR FAIRE APPARAITRE UNE SESSION PARTAGEE DANS UN ENVIRONNEMENT D'HOMOLOGUE A HOMOLOGUE HYBRIDE**
[72] CHATURVEDI, SIVAKUMAR, US
[72] GUNDABATHULA, SATISH, US
[72] CHATURVEDI, RAMESHKUMAR, US
[73] DAMAKA, INC., US
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[25] EN
[54] **ENHANCED METHOD FOR MONITORING THE DEPOSITION OF ORGANIC MATERIALS IN A PAPERMAKING PROCESS**
[54] **PROCEDE AMELIORE DE SURVEILLANCE DU DEPOT DE MATIERES ORGANIQUES LORS D'UN PROCEDE DE FABRICATION DE PAPIER**
[72] SHEVCHENKO, SERGEY M., US
[72] MURCIA, MICHAEL J., US
[73] NALCO COMPANY, US
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF DIENE POLYMERS OR STATISTICAL VINYLARENE-DIENE COPOLYMERS**
[54] **PROCEDE DE PREPARATION DE POLYMERES DE TYPE DIENE OU DE COPOLYMERES STATISTIQUES DE VINYLARENE-DIENE**
[72] SODDU, LUCA, IT
[72] VENERI, GABRIELE, IT
[73] VERSALIS S.P.A., IT
[85] 2013-04-03
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[25] FR
[54] **METHOD FOR ATTACHING THE COVER OF A CENTRIFUGAL COMPRESSOR OF A TURBINE ENGINE, COMPRESSOR COVER IMPLEMENTING SAME AND COMPRESSOR ASSEMBLY PROVIDED WITH SUCH A COVER**
[54] **PROCEDE D'ATTACHE DE COUVERCLE DE COMPRESSEUR CENTRIFUGE DE TURBOMACHINE, COUVERCLE DE COMPRESSEUR DE MISE EN OEUVRE ET ASSEMBLAGE DE COMPRESSEUR MUNI D'UN TEL COUVERCLE**
[72] RENARD, BEATRICE MARIE, FR
[72] BILLOTEY, GEOFFROY LOUIS HENRI MARIE, FR
[73] TURBOMECA, FR
[85] 2013-04-04
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[25] EN
[54] **HOLOGRAPHIC 3D DISPLAY**
[54] **AFFICHAGE 3D HOLOGRAPHIQUE**
[72] MARLOW, STEWART, GB
[72] LEWIS, MATTHEW, GB
[72] JOHNSON, ANDREW, GB
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-04-09
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[54] **LOAD STABILIZING INSERT FOR VEHICLE SPRINGS**
[54] **INSERT A EFFET DE STABILISATION DE CHARGE POUR RESSORTS DE VEHICULE**
[72] KAY, JACK, US
[73] KAY, JACK, US
[86] (2814146)
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[25] EN
[54] **OPTICAL METHOD FOR CHARACTERISING TRANSPARENT PARTICLES**
[54] **PROCEDE OPTIQUE POUR CARACTERISER DES PARTICULES TRANSPARENTES**
[72] DUBOIS, FRANK, BE
[72] YOURASSOWSKY, CATHERINE, BE
[73] UNIVERSITE LIBRE DE BRUXELLES, BE
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[86] 2011-11-09 (PCT/EP2011/069746)
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[30] EP (10190977.8) 2010-11-12
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[25] EN
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[54] **MACHINE A BOISSON POUR DIFFERENTS ENVIRONNEMENTS SPATIAUX**
[72] CAHEN, ANTOINE, CH
[73] NESTEC S.A., CH
[85] 2013-04-10
[86] 2011-10-20 (PCT/EP2011/068365)
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[25] EN
[54] **ARM PROSTHETIC DEVICE**
[54] **DISPOSITIF PROSTHETIQUE DE BRAS**
[72] EVANS, CHRISTOPHER O., US
[72] PERRY, N. CHRISTOPHER, US
[72] VAN DER MERWE, DIRK A., US
[72] VIOLETTE, KEITH D., US
[72] COULTER, STEWART M., US
[72] DOYON, THOMAS A., US
[72] BLUMBERG, DAVID, JR., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2013-04-11
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[25] EN
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[54] **PROCEDE DE COLLAGE DIRECT DE PHOTOPILES A UN POLYIMIDE**
[72] STREETT, ANDREW, US
[73] THE BOEING COMPANY, US
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[13] C
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[25] EN
[54] **ELECTRIC TOASTER WITH ELECTROMAGNETIC LATCH**
[54] **GRILLE-PAIN ELECTRIQUE EQUIPE D'UN SYSTEME DE RETENUE ELECTROMAGNETIQUE**
[72] CHOI, HON MAN, CN
[73] LINKCO ELECTRICAL INDUSTRIES LIMITED, CN
[85] 2013-04-16
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[25] FR
[54] **COMPOSITION BASED ON ZIRCONIUM OXIDE AND ON AT LEAST ONE OXIDE OF A RARE EARTH OTHER THAN CERIUM, HAVING A SPECIFIC POROSITY, PROCESSES FOR PREPARING SAME AND USE THEREOF IN CATALYSIS**
[54] **COMPOSITION A BASE D'OXYDE DE ZIRCONIUM ET D'AU MOINS UN OXYDE D'UNE TERRE RARE AUTRE QUE LE CERIUM, A POROSITE SPECIFIQUE, SES PROCEDES DE PREPARATION ET SON UTILISATION EN CATALYSE**
[72] IFRAH, SIMON, FR
[72] LARCHER, OLIVIER, US
[73] RHODIA OPERATIONS, FR
[85] 2013-04-16
[86] 2011-11-21 (PCT/EP2011/070569)
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[25] EN
[54] **A METHOD OF MEASURING A CAPACITANCE AND A USE**
[54] **PROCEDE DE MESURE D'UNE CAPACITE, ET UTILISATION DE CELUI-CI**
[72] HEDSTROM, MARTIN, SE
[72] ERLANDSSON, DAG, SE
[72] MATTIASSON, BO, SE
[72] LARSSON, JOAKIM, SE
[73] CAPSENZE HB, SE
[85] 2013-04-18
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[25] EN
[54] **METHODS OF INCREASING SOLUBILITY OF POORLY SOLUBLE COMPOUNDS AND METHODS OF MAKING AND USING FORMULATIONS OF SUCH COMPOUNDS**
[54] **PROCEDES VISANT A ACCROITRE LA SOLUBILITE DE COMPOSES FAIBLEMENT SOLUBLES, ET PROCEDES DE FABRICATION ET D'UTILISATION DE FORMULATIONS DE TELS COMPOSES**
[72] BIRBARA, PHILIP J., US
[73] VIZURI HEALTH SCIENCES LLC, US
[85] 2013-04-19
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[30] US (PCT/US2010/002821) 2010-10-22
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[51] **Int.Cl. B02C 2/02 (2006.01) B02C 2/04 (2006.01) B02C 2/08 (2006.01)**
[25] EN
[54] **HYDRAULIC CIRCUIT AND METHOD FOR CONTROLLING A GYRATORY CONE CRUSHER**
[54] **CIRCUIT HYDRAULIQUE ET PROCEDE DE COMMANDE D'UN BROYEUR A CONE GIRATOIRE**
[72] SJOBERG, PATRIK, SE
[72] TORRES, MAURICIO, SE
[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2013-04-22
[86] 2011-11-21 (PCT/SE2011/051394)
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[25] EN
[54] **23-YNE-VITAMIN D3 DERIVATIVE**
[54] **DERIVE DE 23-YNE-VITAMINE D3**
[72] SAITO, HIROSHI, JP
[72] KOMIYAMA, MASATO, JP
[72] OCHIAI, EIJI, JP
[72] TAKAGI, KENICHIRO, JP
[72] CHIDA, TAKAYUKI, JP
[72] FUJITA, MARIKO, JP
[72] IMAIZUMI, KEIICHIRO, JP
[72] KANEKO, TOSHIYUKI, JP
[73] TEIJIN PHARMA LIMITED, JP
[85] 2013-04-22
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[25] EN
[54] **DRILLING CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE FORAGE**
[72] DASHEVSKIY, DMITRIY, DE
[72] RUDAT, JENS, DE
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-04-23
[86] 2011-10-27 (PCT/US2011/058102)
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[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS**
[72] LEE, KWANGHO, US
[72] NIU, DEQIANG, US
[72] PETTER, RUSSELL C., US
[72] BAEVSKY, MATTHEW FRANK, US
[72] SINGH, JUSWINDER, US
[73] CELGENE AVILOMICS RESEARCH, INC., US
[85] 2013-04-24
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[30] US (61/412,330) 2010-11-10
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[54] **CRANE HAVING A CRANE JIB, IN PARTICULAR A BRACKET CRANE**
[54] **GRUE DOTEE D'UNE FLECHE DE GRUE, EN PARTICULIER GRUE A CONSOLE**
[72] GRYZAN, TIMO, DE
[72] KOEHN, PETER, DE
[72] BECKER, EBERHARD, DE
[72] EICHLER, DIETER, DE
[72] WINTER, BJORN, DE
[72] KAMINSKI, MICHAEL, DE
[73] KONECRANES GLOBAL CORPORATION, FI
[85] 2013-04-25
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[30] DE (10 2010 060 846.7) 2010-11-26

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[25] EN
[54] **REQUEST ROUTING PROCESSING**
[54] **TRAITEMENT DE ROUTAGE DE REQUETE**
[72] MACCARTHAIGH, COLM, US
[72] RICHARDSON, DAVID R., US
[72] REDMAN, BENJAMIN W.S., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-04-30
[86] 2011-11-18 (PCT/US2011/061486)
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[30] US (12/952,118) 2010-11-22

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[25] EN
[54] **SYMPATHETIC OPTIC ADAPTATION FOR SEE-THROUGH DISPLAY**
[54] **ADAPTATION D'OPTIQUE SYMPATHIQUE POUR UN AFFICHEUR TRANSPARENT**
[72] PEREZ, KATHRYN STONE, US
[72] KIPMAN, ALEX ABEN-ATHAR, US
[72] FULLER, ANDREW, US
[72] GREENHALGH, PHILIP, US
[72] HAYES, DAVID, US
[72] TARDIF, JOHN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-05-07
[86] 2011-11-29 (PCT/US2011/062433)
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[25] EN
[54] **ENHANCED DEPOSITION OF CHROMOGENS UTILIZING PYRIMIDINE ANALOGS**
[54] **DEPOT OPTIMISE DE CHROMOGENES UTILISANT DES ANALOGUES DE LA PYRIMIDINE**
[72] MAY, ERIC J., US
[72] MURILLO, ADRIAN E., US
[72] KOSMEDER, JEROME W., US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2013-05-08
[86] 2011-12-28 (PCT/US2011/067481)
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[25] EN
[54] **INFUSION APPARATUS WITH FLOW INDICATOR**
[54] **APPAREIL DE PERFUSION DOTE D'UN INDICATEUR D'ECOULEMENT**
[72] MASSENGALE, ROGER DILLARD, US
[73] AVENT, INC., US
[85] 2013-05-09
[86] 2011-11-09 (PCT/IB2011/055004)
[87] (WO2012/085697)
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[25] EN
[54] **MODULAR ANTI-REVERSIBLE POWER SPRING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE RESSORT MOTEUR MODULAIRE ANTI-REVERSIBLE**
[72] MULLET, WILLIS JAY, US
[72] BRUNK, DARRIN W., US
[73] THE WATT STOPPER, INC., US
[85] 2013-05-10
[86] 2011-11-09 (PCT/US2011/001872)
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[25] EN
[54] **METHODS FOR MAKING AND USING AMINO-ALDEHYDE RESINS**
[54] **PROCEDES DE PREPARATION ET D'UTILISATION DE RESINES AMINO-ALDEHYDIQUES**
[72] BREYER, ROBERT A., US
[72] MILLS, CLINTON L., US
[72] RAMMON, RICHARD M., US
[73] GEORGIA PACIFIC CHEMICALS LLC, US
[85] 2013-05-10
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[30] US (61/412,057) 2010-11-10

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[51] **Int.Cl. G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **LOCATION AWARE SPREADSHEET ACTIONS**
[54] **ACTIONS DE TABLEUR SENSIBLES A LA LOCALISATION**
[72] CAMPBELL, JOHN, US
[72] LIN, AMY, US
[72] WALDMAN, LAWRENCE, US
[72] DER, SHERMAN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-05-27
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[25] EN
[54] **MOBILE GATEWAYS IN POOL FOR SESSION RESILIENCE**
[54] **PASSERELLES MOBILES EN GROUPE POUR UNE RESILIENCE DE SESSION**
[72] BONNIER, STAFFAN, US
[72] LUND, HANS-AKE, SE
[72] AHLSTROM, LARS GUNNAR FOLKE, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-05-29
[86] 2011-11-09 (PCT/IB2011/055005)
[87] (WO2012/073134)
[30] US (12/957,310) 2010-11-30

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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/3207 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR REMOVING CLOTS**
[54] **DISPOSITIFS ET PROCEDES D'ELIMINATION DE CAILLOTS**
[72] AKLOG, LISHAN, US
[72] GLENNON, MICHAEL, US
[73] ANGIODYNAMICS, INC., US
[85] 2013-05-27
[86] 2011-12-02 (PCT/US2011/063103)
[87] (WO2012/075415)
[30] US (61/419,378) 2010-12-03

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **FRACTURING VALVE**
[54] **VANNE DE FRACTURATION**
[72] GETZLAF, DON, CA
[72] RAVENSBERGEN, JOHN, CA
[72] BRUNSKILL, DOUGLAS, CA
[73] NCS MULTISTAGE INC., CA
[86] (2820704)
[87] (2820704)
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[51] **Int.Cl. C09C 1/02 (2006.01) C09C 3/04 (2006.01) D21H 17/00 (2006.01)**
[25] EN
[54] **MINERAL COMPOSITION, ESPECIALLY FOR USE IN PAPER FILLERS AND PAPER OR PLASTIC COATINGS**
[54] **COMPOSITION DE MATIERE MINERALE, EN PARTICULIER DESTINEE A ETRE UTILISEE DANS DES AGENTS DE CHARGE POUR DU PAPIER ET DES COUCHAGES DE PAPIER ET DES REVETEMENTS DE MATIERE PLASTIQUE**
[72] GANE, PATRICK ARTHUR CHARLES, CH
[72] BERGSET, OLAV, FR
[72] SAUNDERS, GEORGE, US
[72] QIU, XUEPING, US
[72] VARNEY, DAN, US
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-06-05
[86] 2011-12-14 (PCT/EP2011/072768)
[87] (WO2012/080343)
[30] EP (10195366.2) 2010-12-16
[30] US (61/425,339) 2010-12-21
[30] US (61/452,981) 2011-03-15
[30] US (61/523,927) 2011-08-16

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[51] **Int.Cl. G06F 17/40 (2006.01) G06Q 10/02 (2012.01)**
[25] EN
[54] **GENERATING MAPS OF PRIVATE SPACES USING MOBILE COMPUTING DEVICE SENSORS**
[54] **CREATION DE CARTES D'ESPACES PRIVES AU MOYEN DE CAPTEURS DE DISPOSITIFS INFORMATIQUES MOBILES**
[72] ESTEVE BALDUCCI, JUAN V., US
[72] MILLER, QUENTIN S., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-06-12
[86] 2011-12-16 (PCT/US2011/065453)
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[51] **Int.Cl. G01G 3/12 (2006.01) A01K 5/00 (2006.01)**
[25] EN
[54] **FEED BIN MONITORING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE CONTENANT POUR ALIMENTS**
[72] JAEGER, MARK H., US
[73] HERDSTAR, LLC, US
[85] 2013-06-18
[86] 2011-12-28 (PCT/US2011/067524)
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[51] **Int.Cl. A61B 17/64 (2006.01)**
[25] EN
[54] **CLAMP FOR TEMPORARY OR DEFINITIVE EXTERNAL ORTHOPAEDIC FIXATION, AND EXTERNAL FIXATION SYSTEM COMPRISING SAID CLAMP**
[54] **CLAMP POUR FIXATION ORTHOPEDIQUE EXTERNE TEMPORAIRE OU DEFINITIVE, ET SYSTEME DE FIXATION EXTERNE COMPRENANT LEDIT CLAMP**
[72] ZANDONA, ENRICO, IT
[72] LORENZINI, DENIS, IT
[72] VENTURINI, DANIELE, IT
[72] NAYAGAM, SELVADURAI, GB
[72] ASSOM, MARCO, IT
[73] ORTHOFIX S.R.L., IT
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[25] EN
[54] **EXTERNAL ORTHOPAEDIC FIXATOR FOR THE ELBOW JOINT.**
[54] **APPAREIL DE FIXATION ORTHOPEDIQUE EXTERNE DESTINE A L'ARTICULATION DU COUDE**
[72] OTTOBONI, ANDREA, IT
[72] VENTURINI, DANIELE, IT
[73] ORTHOFIX S.R.L., IT
[85] 2013-07-02
[86] 2011-09-09 (PCT/EP2011/004551)
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[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **IMPLEMENT FRAME WITH MAIN SECTION HELPER LIFT CYLINDERS**
[54] **CADRE POUR ENGIN AVEC VERINS DE LEVAGE AUXILIAIRES DE SECTION PRINCIPALE**
[72] MARO, RANDALL A., US
[72] BARFELS, AARON L., US
[73] DEERE & COMPANY, US
[86] (2823641)
[87] (2823641)
[22] 2013-08-13
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[51] **Int.Cl. A01B 73/02 (2006.01)**
[25] EN
[54] **FOLDING IMPLEMENT FRAME**
[54] **CADRE POUR ENGIN PLIANT**
[72] KELLY, FRANCIS J., US
[72] HACKERT, RYAN, US
[72] FRIEDLEY, VERNON, US
[72] BECKER, SHAWN, US
[73] DEERE & COMPANY, US
[86] (2823761)
[87] (2823761)
[22] 2013-08-14
[30] US (13/596,096) 2012-08-28

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[51] **Int.Cl. E06B 3/54 (2006.01)**
[25] EN
[54] **ASSEMBLIES FOR A STRUCTURE**
[54] **ENSEMBLES POUR STRUCTURE**
[72] CARBARY, LAWRENCE DONALD, US
[72] CLIFT, CHARLES DUNAWAY, US
[73] DOW CORNING CORPORATION, US
[73] CURTAIN WALL DESIGN AND CONSULTING, INC., US
[85] 2013-07-09
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[25] EN
[54] **SYSTEM AND METHOD FOR PREDICTIVE NETWORK CONGESTION CONTROL**
[54] **SYSTEME ET METHODE DE CONTROLE DE CONGESTION RESEAU PREVISIBLE**
[72] KLEIN, MARC-OLIVIER, DE
[72] LANDSCHEIDT, DENNIS, DE
[73] SAP SE, DE
[86] (2824819)
[87] (2824819)
[22] 2013-08-21
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[51] **Int.Cl. B01D 53/18 (2006.01) B01F 3/04 (2006.01) B01F 9/16 (2006.01)**
[25] EN
[54] **GAS LIQUID CONTACTOR**
[54] **CONTACTEUR GAZ-LIQUIDE**
[72] WARDHAUGH, LEIGH THOMAS, AU
[72] CHASE, DONALD ROSS, AU
[72] GARLAND, EDWARD ANTHONY, AU
[72] SOLNORDAL, CHRISTOPHER BAARD, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[86] 2012-02-03 (PCT/AU2012/000100)
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[30] AU (2011900343) 2011-02-03

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[13] C
[51] **Int.Cl. A61K 31/727 (2006.01) A61K 9/00 (2006.01) A61K 38/58 (2006.01) A61K 45/06 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF AN ANTITHROMBIN ACTIVATOR AND A THROMBIN INHIBITOR FOR USE IN CELL TRANSPLANTATION**
[54] **COMPOSITIONS D'UN ACTIVATEUR D'ANTITHROMBINE ET UN INHIBITEUR DE THROMBINE DESTINE A UNE UTILISATION DANS LA TRANSPLANTATION CELLULAIRE**
[72] STEPHENNE, XAVIER, BE
[72] SOKAL, ETIENNE, BE
[72] NAJIMI, MUSTAPHA, BE
[72] EECKHOUDT, STEPHANE, BE
[72] HERMANS, CEDRIC, BE
[73] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
[85] 2013-07-19
[86] 2012-01-25 (PCT/EP2012/051157)
[87] (WO2012/101181)
[30] EP (11152119.1) 2011-01-25

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[13] C
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION DEVICE PROVIDED WITH A DISCHARGE THAT IS HEIGHT-ADJUSTABLE BY HAND**
[54] **DISPOSITIF DE PREPARATION DE BOISSON COMPORTANT UNE EVACUATION QUI PEUT ETRE AJUSTEE EN HAUTEUR A LA MAIN**
[72] HUIBERTS, JOHANNES THEODORUS EMERENTIA, NL
[72] VERHOEVEN, ROMANUS EDUARD, NL
[73] BRAVILOR HOLDING B.V., NL
[85] 2013-07-24
[86] 2012-02-02 (PCT/NL2012/050057)
[87] (WO2012/108762)
[30] NL (2006152) 2011-02-07
[30] NL (2007192) 2011-07-28

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[13] C
[51] **Int.Cl. D03D 15/00 (2006.01) A47C 31/11 (2006.01) B60N 2/58 (2006.01) D04B 1/00 (2006.01)**
[25] EN
[54] **TEXTILE SUBSTRATE WITH WATER AND WATER VAPOUR WICKING PROPERTIES**
[54] **SUBSTRAT TEXTILE PRESENTANT DES PROPRIETES D'EVACUATION D'EAU ET DE VAPEUR D'EAU**
[72] BAUMELER, ALFRED, CH
[73] CLIMATEX AG, CH
[85] 2013-08-06
[86] 2012-02-11 (PCT/CH2012/000037)
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[51] **Int.Cl. F23J 13/08 (2006.01)**
[25] EN
[54] **CHIMNEY BLOCKING APPARATUS**
[54] **APPAREIL D'OBSTRUCTION DE CHEMINEE**
[72] WILD, SIMON CHRISTOPHER, GB
[73] WILD, SIMON CHRISTOPHER, GB
[85] 2013-08-09
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[54] **POMPE POUR APPAREIL DE STERILISATION**
[72] KENT, BARRY, NZ
[72] TURNER, JEREMY, NZ
[73] TRISTEL PLC, GB
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[54] **GENERATION OF ANTI-FN14 MONOCLONAL ANTIBODIES BY EX-VIVO ACCELERATED ANTIBODY EVOLUTION**
[54] **GENERATION D'ANTICORPS MONOCLONAUX ANTI-FN14 PAR DEVELOPPEMENT ACCELERE D'ANTICORPS EX-VIVO**
[72] LEPPARD, JOHN BENJAMIN, US
[72] WOOD, CHRISTI L., US
[72] CUMMINGS, W. JASON, US
[72] YABUKI, MUNEHISA, US
[72] MAIZELS, NANCY, US
[72] ALLISON, DANIEL S., US
[72] TJOELKER, LARRY W., US
[73] OMEROS CORPORATION, US
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[54] **ENSEMBLE CAPTEUR POUR LA MESURE DE PARAMETRES DANS DES PRODUITS EN FUSION**
[72] CUYPERS, JAN, BE
[72] INDEHERBERGE, VALERE, BE
[73] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE
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[25] FR
[54] **PROCESS FOR MANUFACTURING A ONE-PIECE AXISYMMETRIC METALLIC PART FROM COMPOSITE FIBROUS STRUCTURES**
[54] **PROCEDE POUR FABRIQUER UNE PIECE METALLIQUE DE REVOLUTION MONOBLOC A PARTIR DE STRUCTURES FIBREUSES COMPOSITES**
[72] GODON, THIERRY, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[73] SNECMA, FR
[85] 2013-09-04
[86] 2012-03-15 (PCT/FR2012/050550)
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[25] EN
[54] **COLLAGEN FIBER RIBBONS WITH INTEGRATED FIXATION SUTURES AND METHODS OF MAKING THE SAME**
[54] **RUBANS DE FIBRES DE COLLAGENE INTEGRANT DES SUTURES DE FIXATION ET PROCEDES DE REALISATION CORRESPONDANTS**
[72] KOOB, THOMAS J., US
[72] LI, MENGYAN, US
[73] MIMEDX GROUP, INC., US
[85] 2013-09-06
[86] 2012-03-02 (PCT/US2012/027366)
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[54] **METHOD AND SYSTEM FOR DETERMINING FRICTION COEFFICIENT FOR AN AIRCRAFT LANDING EVENT**
[54] **METHODE ET SYSTEME DE DETERMINATION D'UN COEFFICIENT DE FRICTION POUR UN EVENEMENT D'ATTERRISSAGE D'UN AERONEF**
[72] COLLETT, LAURA, GB
[72] SCHMIDT, R. KYLE, GB
[72] SARTOR, PIA, GB
[73] MESSIER-DOWTY LIMITED, GB
[85] 2013-09-11
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[54] **DEVICE FOR OFFLINE INSPECTION AND COLOR MEASUREMENT OF PRINTED SHEETS FOR THE PRODUCTION OF BANKNOTES AND LIKE PRINTED SECURITIES**
[54] **DISPOSITIF DE CONTROLE ET DE MESURE DE COULEUR HORS LIGNE DE FEUILLES IMPRIMEES SERVANT A LA PRODUCTION DE BILLETS DE BANQUE ET DE TITRES IMPRIMES SIMILAIRES**
[72] TURKE, THOMAS, CH
[72] WILLEKE, HARALD HEINRICH, DE
[72] LANTERNIER, JEAN-BAPTISTE, FR
[73] KBA-NOTASYS SA, CH
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[54] **METHOD AND DEVICE FOR SEPARATING AIR BY CRYOGENIC DISTILLATION**
[54] **PROCEDE ET APPAREIL DE SEPARATION D'AIR PAR DISTILLATION CRYOGENIQUE**
[72] DAVIDIAN, BENOIT, FR
[72] DUBETTIER-GRENIER, RICHARD, FR
[72] JOLY, LOIC, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2013-09-20
[86] 2012-04-05 (PCT/FR2012/050742)
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[25] EN
[54] **MINIATURE DAMPER, VIEWING PANEL UNIT, AND INSTALLATION METHOD**
[54] **AMORTISSEUR MINIATURE, UNITE DE PANNEAU DE VISUALISATION ET PROCEDE D'INSTALLATION**
[72] KAYE, PAUL, GB
[72] NERDEN, JOHN, GB
[72] GODBOLD, JAMES, GB
[72] CARDIN, RICHARD, GB
[73] VISTAMATIC LIMITED, GB
[85] 2013-09-23
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[25] EN
[54] **LIGHT-EMITTING DIODE (LED) FLOODLIGHT**
[54] **PROJECTEUR A DIODE ELECTROLUMINESCENTE (DEL)**
[72] BLINCOE, PATRICK STEPHEN, US
[72] AGNIHOTRI, KANTESH VITTAL, US
[72] LEHMAN, GREGG, US
[72] KAGE, RAJENDRA, IN
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2013-09-26
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[25] EN
[54] **HYDRAULIC BUFFER**
[54] **TAMPON HYDRAULIQUE**
[72] STROGANOV, ALEXANDER ANATOLYEVCH, RU
[72] SHESHIN, LEONID OLEGOVICH, RU
[73] STROGANOV, ALEXANDER ANATOLYEVCH, RU
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[54] **PROSTHETIC DEVICE AND CONTROL SYSTEM THEREFOR**
[54] **DISPOSITIF PROSTHETIQUE ET SYSTEME DE COMMANDE POUR CELUI-CI**
[72] VAN DER MERWE, DIRK ALBERTUS, US
[72] LANIER, GREGORY RANDALL JR., US
[72] KERWIN, JOHN MATTHEW, US
[72] GUAY, GERALD MICHAEL, US
[72] PERRY, N. CHRISTOPHER, US
[72] DASTOUS, SUSAN D., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **SYSTEM AND METHOD FOR FINANCIAL TRANSACTION AUTHENTICATION USING TRAVEL INFORMATION**
[54] **SYSTEME ET PROCEDE DESTINES A UNE AUTHENTIFICATION DE TRANSACTION FINANCIERE UTILISANT DES INFORMATIONS DE VOYAGE**
[72] FERGUSON, WILLIAM M., US
[72] WICKERT, STEVEN A., US
[72] REEDER, MARY A., US
[72] PATHRIA, ANU K., US
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2013-06-26
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[25] EN
[54] **METHOD AND APPARATUS FOR DISTRIBUTED RADIO RESOURCE MANAGEMENT FOR INTERCELL INTERFERENCE COORDINATION**
[54] **PROCEDE ET APPAREIL DE GESTION DE RESSOURCES RADIO DISTRIBUEES POUR LA COORDINATION DU BROUILLAGE INTERCELLULAIRE**
[72] STEER, DAVID G., CA
[72] VRZIC, SOPHIE, CA
[72] BONTU, CHANDRA, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-10-10
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[54] **FLEXIBLE PLASTIC HOSE AND METHOD FOR MANUFACTURING SAME**
[54] **TUYAU SOUPLE EN MATIERE PLASTIQUE ET SON PROCEDE DE FABRICATION**
[72] KAYE, NEIL, AU
[72] WU, HARRY, CN
[72] WANG, TYRO, CN
[73] PLASTIFLEX GROUP, BE
[85] 2013-10-16
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[54] **ENTRELACEUR DE BITS PARALLELES**
[72] PETROV, MIHAIL, DE
[73] PANASONIC CORPORATION, JP
[85] 2013-10-17
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[54] **LUMINESCENT BICYCLE**
[54] **BICYCLETTE LUMINESCENTE**
[72] SMITH, FORREST, US
[73] PHANTOM FRAMES, INC., US
[85] 2013-10-24
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[54] **POWER HEADROOM REPORTING RELATED TO POWER MANAGEMENT MAXIMUM POWER REDUCTION**
[54] **RAPPORT DE MARGE DE PUISSANCE RELATIF A UNE REDUCTION DE PUISSANCE MAXIMALE POUR GESTION DE L'ENERGIE**
[72] HO, SAI YIU DUNCAN, US
[72] GAAL, PETER, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-10-28
[86] 2012-05-04 (PCT/US2012/036620)
[87] (WO2012/154588)
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[54] PARASITIC POWER SUPPLY AND SENSOR APPARATUS INCLUDING A POWER SUPPLY
[54] BLOC D'ALIMENTATION PARASITE ET APPAREIL DE DETECTION INCLUANT UN BLOC D'ALIMENTATION
[72] JUDS, MARK A., US
[72] GISSKE, EDWARD T., US
[72] KODELA, NARESH K., IN
[72] ZHOU, XIN, US
[72] R, JAYASURIYA, IN
[73] EATON CORPORATION, US
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[86] 2012-05-18 (PCT/IB2012/000976)
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[25] EN
[54] ASSEMBLY OF TURRET AND LOW RADAR REFLECTION WEAPON.
[54] ENSEMBLE DE TOURELLE ET D'ARME A FAIBLE DEGRE DE REFLEXION DES ONDES RADAR.
[72] CHIAPPINI, ANDREA, IT
[73] OTO MELARA SPA, IT
[85] 2013-11-12
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[54] SEALANT COMPOSITION
[54] COMPOSITION DE PRODUIT D'ETANCHEITE
[72] LAM, KOON FUNG, CN
[72] CHAN, WAI MING, CN
[73] TOP ALLIANCE TECHNOLOGY LIMITED, VG
[86] (2836978)
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[25] EN
[54] MOTOR ASSEMBLY COMPRISING A BRUSHLESS DC MOTOR WITH CONTROL ELECTRONICS
[54] ENSEMBLE MOTEUR COMPRENANT UN MOTEUR A COURANT CONTINU SANS BALAIS EQUIPE D'UNE ELECTRONIQUE DE COMMANDE
[72] LINDER, JOHAN, SE
[73] SIMPLEX MOTION AB, DE
[85] 2013-11-22
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[25] EN
[54] PROCESS FOR PRODUCING A SYNGAS INTERMEDIATE SUITABLE FOR THE PRODUCTION OF HYDROGEN
[54] PROCEDE DE PRODUCTION D'UN GAZ DE SYNTHESE CONSTITUANT UN BON INTERMEDIAIRE POUR LA PRODUCTION D'HYDROGENE
[72] IAQUANIELLO, GAETANO, IT
[72] CUCCHIELLA, BARBARA, IT
[72] ANTONETTI, ELENA, IT
[73] STAMICARBON B.V. ACTING UNDER THE NAME OF MT INNOVATION CENTER, NL
[85] 2013-11-29
[86] 2012-06-25 (PCT/NL2012/050443)
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[51] Int.Cl. E04C 2/54 (2006.01) E04D 3/28 (2006.01)
[25] EN
[54] ASSEMBLY FOR SECURING TWO JUXTAPOSED PANELS TO A STRUCTURE SO AS TO ALLOW THERMAL EXPANSION AND CONTRACTION
[54] ENSEMBLE POUR FIXER SUR UNE STRUCTURE DEUX PANNEAUX JUXTAPOSES DE FACON A PERMETTRE LA DILATATION ET LA CONTRACTION THERMIQUE
[72] BEN DAVID, MICHA, IL
[73] DAN-PAL, IL
[85] 2013-12-03
[86] 2012-06-21 (PCT/IL2012/050215)
[87] (WO2012/176207)
[30] IL (213693) 2011-06-21

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[54] PROCEDE ET SYSTEME DE TRAITEMENT D'UNE DEMANDE DE RECHERCHE
[72] GRANDJEAN, PATRICK ROGER, FR
[72] ARNAUD, DENIS, FR
[73] AMADEUS S.A.S., FR
[85] 2013-12-12
[86] 2012-06-26 (PCT/EP2012/062296)
[87] (WO2013/000884)
[30] EP (11305820.0) 2011-06-27
[30] US (13/135,685) 2011-07-12

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[25] EN
[54] **METHOD OF ASSEMBLY OF MODULAR RESERVOIR WITH INTEGRAL COMPRESSIBLE SEALING STRIPS AND EXPANSION JOINT**
[54] **PROCEDE D'ASSEMBLAGE DE RESERVOIR MODULAIRE AVEC BANDES D'ETANCHEITE COMPRESSIBLES INTEGREES ET JOINT DE DILATATION**
[72] MCNAMARA, BERNARD, CA
[73] MCNAMARA, BERNARD, CA
[85] 2013-12-19
[86] 2011-07-14 (PCT/CA2011/000806)
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[25] EN
[54] **TREATMENT WITH ANTI-PCSK9 ANTIBODIES**
[54] **TRAITEMENT AVEC DES ANTICORPS ANTI-PCSK9**
[72] UDATA, CHANDRASEKHAR, US
[73] PFIZER INC., US
[85] 2013-12-24
[86] 2012-07-10 (PCT/IB2012/053534)
[87] (WO2013/008185)
[30] US (61/507,865) 2011-07-14
[30] US (61/614,312) 2012-03-22
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[25] EN
[54] **COMPUTER MOUSE SYSTEM AND ASSOCIATED, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEME DE SOURIS INFORMATIQUE, SUPPORT INFORMATIQUE ET PROCEDES INFORMATIQUES ASSOCIES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE D'EMPLOYES**
[72] HORSEMAN, SAMANTHA J., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-12-30
[86] 2012-07-03 (PCT/US2012/045407)
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[30] US (61/504,638) 2011-07-05
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[30] US (61/659,790) 2012-06-14
[30] US (61/659,796) 2012-06-14
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[30] US (61/659,807) 2012-06-14
[30] US (61/659,810) 2012-06-14
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[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING A RELATIVE LOCATION INDICATION DURING A SURGICAL PROCEDURE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FOURNIR UNE INDICATION D'EMPLACEMENT RELATIF PENDANT UNE INTERVENTION CHIRURGICALE**
[72] BARSOUM, WAEL K., US
[73] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2014-01-09
[86] 2011-07-07 (PCT/US2011/043222)
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[25] EN
[54] **A METHOD AND A SYSTEM FOR MAKING A BEVERAGE, AND A BEVERAGE CARTRIDGE**
[54] **PROCEDE ET SYSTEME DE PREPARATION DE BOISSON ET CARTOUCHE DE BOISSON**
[72] NORTON, MARK, GB
[72] HALLIDAY, ANDREW, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2014-01-21
[86] 2012-07-24 (PCT/GB2012/051776)
[87] (WO2013/017842)
[30] GB (1113118.2) 2011-07-29

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[25] EN
[54] **CAPSULE SUSPENSION FORMULATION COMPRISING POLYMERIC WALL ENCAPSULATED PENDIMETHALIN AND CLOMAZONE**
[54] **FORMULATION DE SUSPENSION POUR CAPSULE COMPRENANT DE LA PENDIMETHALINE ET DE LA CLOMAZONE ENCAPSULEES DANS UNE PAROI POLYMERIQUE**
[72] SHROFF, JAIDEV RAJNIKANT, IN
[72] SHROFF, VIKRAM RAJNIKANT, IN
[72] JADHAV, PRAKASH MAHADEV, IN
[72] BECKER, CHRISTIAN, IN
[73] UPL LIMITED, IN
[85] 2014-01-22
[86] 2011-09-29 (PCT/IB2011/002280)
[87] (WO2013/021229)
[30] IN (2251/MUM/2011) 2011-08-10

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[13] C
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/18 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **A MULTILAYER FILM COMPRISING A LAYER COMPRISING THERMOPLASTIC POLYURETHANE AND CELLULOSE ETHER**
[54] **UN FILM MULTICOUCHE RENFERMANT UNE COUCHE COMPORTANT UN POLYURETHANE THERMOPLASTIQUE ET UN ETHER CELLULOSIQUE**
[72] STEELMAN, RONALD S., US
[72] NIELSEN, JOHN A., US
[72] LYON, KEITH R., US
[72] DENNISON, KATHLEEN A., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2014-01-30
[86] 2012-07-31 (PCT/US2012/048934)
[87] (WO2013/019772)
[30] US (61/514,323) 2011-08-02

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[25] EN
[54] **BISPECIFIC ANTIBODIES SPECIFIC FOR T-CELL ACTIVATING ANTIGENS AND A TUMOR ANTIGEN AND METHODS OF USE**
[54] **ANTICORPS BISPECIFIQUES SPECIFIQUES POUR LES ANTIGENES D'ACTIVATION DES LYMPHOCYTES T ET UN ANTIGENE TUMORAL ET PROCEDES D'UTILIATION CORRESPONDANTS**
[72] BRUENKER, PETER, CH
[72] FAUTI, TANJA, CH
[72] JAEGER, CHRISTIANE, CH
[72] KLEIN, CHRISTIAN, CH
[72] UMANA, PABLO, CH
[73] ROCHE GLYCART AG, CH
[85] 2014-02-06
[86] 2012-08-21 (PCT/EP2012/066226)
[87] (WO2013/026839)
[30] EP (11178410.4) 2011-08-23

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[51] **Int.Cl. B01J 19/00 (2006.01) C07C 1/00 (2006.01) C07C 7/10 (2006.01) C10L 3/06 (2006.01) E21B 43/295 (2006.01)**
[25] EN
[54] **STORING CARBON DIOXIDE AND PRODUCING METHANE AND GEOTHERMAL ENERGY FROM DEEP SALINE AQUIFERS**
[54] **STOCKAGE DE DIOXYDE DE CARBONE ET PRODUCTION DE METHANE ET D'ENERGIE GEOTHERMIQUE A PARTIR DES AQUIFERES SALINS PROFONDS**
[72] BRYANT, STEVEN L., US
[72] POPE, GARY A., US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2014-02-11
[86] 2011-08-12 (PCT/US2011/047595)
[87] (WO2012/021810)
[30] US (61/373,680) 2010-08-13
[30] US (61/377,315) 2010-08-26
[30] US (13/208,854) 2011-08-12

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[13] C
[51] **Int.Cl. G01F 1/684 (2006.01) G01F 1/696 (2006.01) G01F 1/74 (2006.01)**
[25] EN
[54] **CHARACTERIZING MULTIPHASE FLUID FLOW**
[54] **CARACTERISATION D'UN ECOULEMENT DE FLUIDE A PLUSIEURS PHASES**
[72] SCHULLER, REIDAR BARFOD, NO
[72] AMUNDSEN, LENE, NO
[72] HEMMINGSEN, PAL VIGGO, NO
[72] HOFFMANN, RAINER JOSEF, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2014-02-19
[86] 2011-08-19 (PCT/EP2011/064321)
[87] (WO2013/026467)

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[13] C
[51] **Int.Cl. A47K 10/42 (2006.01) B65D 83/08 (2006.01)**
[25] EN
[54] **PRODUCT DISPENSER AND COVER MEMBER FOR A PRODUCT DISPENSER**
[54] **DISTRIBUTEUR DE PRODUITS ET ELEMENT COUVERCLE POUR UN DISTRIBUTEUR DE PRODUITS**
[72] SIEBEL, JUSTIN, US
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2014-02-20
[86] 2012-07-24 (PCT/EP2012/064493)
[87] (WO2013/029882)
[30] US (13/221,190) 2011-08-30

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[13] C
[51] **Int.Cl. B65B 43/52 (2006.01) B65B 31/02 (2006.01) B65B 65/00 (2006.01)**
[25] EN
[54] **MACHINE FOR ASSEMBLING, FILLING AND SEALING PORTIONED BEVERAGE CAPSULES**
[54] **MACHINE POUR ASSEMBLAGE, REMPLISSAGE ET SCELLAGE DE CAPSULES DE BOISSON INDIVIDUELLES**
[72] SCRIVANI, MASSIMO, IT
[73] AZIONARIA COSTRUZIONI MACCHINE AUTOMATICHE A.C.M.A. S.P.A., IT
[85] 2014-02-20
[86] 2012-09-06 (PCT/IB2012/054607)
[87] (WO2013/035061)
[30] IT (MI2011A001619) 2011-09-08

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[13] C
[51] **Int.Cl. H01G 9/12 (2006.01)**
[25] FR
[54] **LONG-TERM ENERGY STORAGE ASSEMBLY COMPRISING AN INTERMEDIATE CONNECTION PART**
[54] **ENSEMBLE DE STOCKAGE D'ENERGIE LONGUE DUREE A PIECE DE CONNEXION INTERMEDIAIRE**
[72] AZAIS, PHILIPPE, FR
[72] VIGNERAS, ERWAN, FR
[73] BLUE SOLUTIONS, FR
[85] 2014-02-27
[86] 2012-08-29 (PCT/EP2012/066733)
[87] (WO2013/030213)
[30] FR (1157605) 2011-08-29

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[13] C
[51] **Int.Cl. C25F 1/04 (2006.01) B23H 3/00 (2006.01) C25F 3/16 (2006.01)**
[25] EN
[54] **WELD CLEANING FLUID**
[54] **FLUIDE DE NETTOYAGE DE SOUDURE**
[72] LEWER, SIMON, AU
[73] ENSITECH IP PTY LTD, AU
[85] 2014-03-14
[86] 2012-09-14 (PCT/AU2012/001098)
[87] (WO2013/036999)
[30] AU (2011903778) 2011-09-15

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[13] C
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 4/139 (2010.01) C25B 11/04 (2006.01) H01M 10/052 (2010.01) H01M 8/1011 (2016.01) H01M 8/1018 (2016.01) H01M 12/06 (2006.01)**
[25] EN
[54] **GAS DIFFUSION LAYER WITH IMPROVED ELECTRICAL CONDUCTIVITY AND GAS PERMEABILITY**
[54] **COUCHE DE DIFFUSION DE GAZ DOTEE D'UNE CONDUCTIVITE ELECTRIQUE ET D'UNE PERMEABILITE AU GAZ AMELIOREES**
[72] WILDE, PETER, DE
[72] SCHWEISS, RUDIGER, DE
[72] FORERO, STEFAN, DE
[72] HABERKORN, MELANIE, DE
[72] SCHUBERT, TIM, DE
[73] SGL CARBON SE, DE
[85] 2014-03-20
[86] 2012-09-07 (PCT/EP2012/067536)
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[30] DE (102011083118.5) 2011-09-21

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[13] C
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **SMALL GAUGE SURGICAL INSTRUMENT WITH ADJUSTABLE SUPPORT**
[54] **INSTRUMENT CHIRURGICAL DE PETIT CALIBRE AVEC SOUTIEN REGLABLE**
[72] RYAN, EDWIN, US
[73] RYAN, EDWIN, US
[85] 2014-03-27
[86] 2012-09-27 (PCT/US2012/057545)
[87] (WO2013/049341)
[30] US (61/539,655) 2011-09-27

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[13] C
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 10/08 (2012.01) G06Q 20/32 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MOBILE PROCESSING OF PACKAGE SHIPMENT ORDERS AT A POINT OF SALE**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMME D'ORDINATEUR POUR LE TRAITEMENT MOBILE DE COMMANDES D'EXPEDITION DE COLIS A UN POINT DE VENTE**
[72] CRUTCHER, BYRON, US
[72] ROSS, LESTER, US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2014-04-15
[86] 2012-07-19 (PCT/US2012/047368)
[87] (WO2013/106085)
[30] US (13/348,016) 2012-01-11

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[13] C
[51] **Int.Cl. B64G 1/66 (2006.01) H01Q 1/28 (2006.01)**
[25] EN
[54] **ARTIFICIAL SATELLITE WITH INTEGRATED ANTENNA**
[54] **SATELLITE ARTIFICIEL DOTE D'UNE ANTENNE INTEGREE**
[72] MORIGUCHI, TATSUJI, JP
[73] NEC CORPORATION, JP
[85] 2014-04-24
[86] 2012-10-31 (PCT/JP2012/078134)
[87] (WO2013/065722)
[30] JP (2011-240400) 2011-11-01

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[13] C
[51] **Int.Cl. B01D 33/23 (2006.01)**
[25] EN
[54] **SECTOR PART OF A FILTERING, PREFERABLY ROTATING DISK**
[54] **PIECE CINTREE D'UN DISQUE DE FILTRATION, DE PREFERENCE ROTATIF**
[72] RASMUSSEN, JOHAN, SE
[73] RASMUSSEN, JOHAN, SE
[85] 2014-04-28
[86] 2011-11-16 (PCT/SE2011/000207)
[87] (WO2012/067561)
[30] SE (1001115-3) 2010-11-17

[11] **2,854,007**
[13] C
[51] **Int.Cl. E02D 5/24 (2006.01) E02D 5/72 (2006.01)**
[25] EN
[54] **PILE WITH LOW NOISE GENERATION DURING DRIVING**
[54] **PIEU DOTE D'UNE FAIBLE GENERATION DE BRUIT AU COURS DU FONCAGE**
[72] REINHALL, PER G., US
[72] DAHL, PETER H., US
[72] DARDIS, JOHN TIMOTHY, II, US
[73] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2014-04-29
[86] 2012-11-02 (PCT/US2012/063430)
[87] (WO2013/067438)
[30] US (61/555,336) 2011-11-03

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[13] C
[51] **Int.Cl. C05F 11/08 (2006.01) C09K 17/00 (2006.01) C12N 1/20 (2006.01) C12N 11/02 (2006.01)**
[25] EN
[54] **MICROBIAL INOCULANTS AND FERTILIZER COMPOSITIONS COMPRISING THE SAME**
[54] **INOCULANTS MICROBIENS ET COMPOSITIONS D'ENGRAIS LES COMPRENANT**
[72] FINLAYSON, WAYNE, AU
[72] JURY, KAREN, AU
[73] TERRAGEN HOLDINGS LIMITED, AU
[85] 2014-05-02
[86] 2012-11-05 (PCT/AU2012/001355)
[87] (WO2013/063658)
[30] US (61/555,535) 2011-11-04

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[13] C
[51] **Int.Cl. B64D 45/00 (2006.01) B64D 47/00 (2006.01) G01M 17/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DETECTING AN AIRCRAFT JITTER**
[54] **SYSTEME ET PROCEDE POUR DETECTER L'INSTABILITE D'UN AERONEF**
[72] WU, JIAJU, CN
[72] GU, ZHUPING, CN
[72] HUANG, LEI, CN
[72] DING, HUIFENG, CN
[72] ZHENG, FENGLIANG, CN
[72] REN, QIFENG, CN
[72] ZHANG, YANFENG, CN
[73] AIR CHINA LIMITED, CN
[86] (2857736)
[87] (2857736)
[22] 2014-07-23
[30] CN (201310313837.7) 2013-07-24

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[13] C
[51] **Int.Cl. C10G 3/00 (2006.01) C07C 67/03 (2006.01) C10G 47/10 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **HYDROCONVERSION OF RENEWABLE FEEDSTOCKS**
[54] **HYDROCONVERSION DE MATIERES PREMIERES RENOUVELABLES**
[72] CHEN, CONG-YAN, US
[72] KUPERMAN, ALEXANDER E., US
[72] CANNELLA, WILLIAM JAMES, US
[72] MAESEN, THOEDORUS LUDOVICUS MICHAEL, US
[73] CHEVRON U.S.A. INC., US
[85] 2014-06-06
[86] 2012-12-07 (PCT/US2012/068621)
[87] (WO2013/086453)
[30] US (13/315,575) 2011-12-09
[30] US (13/315,729) 2011-12-09
[30] US (13/315,611) 2011-12-09
[30] US (13/315,774) 2011-12-09
[30] US (13/315,650) 2011-12-09
[30] US (13/315,683) 2011-12-09

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[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/10 (2011.01) G06F 19/22 (2011.01) C12Q 1/6809 (2018.01) C12Q 1/04 (2006.01) G01N 33/48 (2006.01) G01N 33/483 (2006.01) C12N 5/078 (2010.01)**
[25] EN
[54] **DETECTION AND MEASUREMENT OF TISSUE-INFILTRATING LYMPHOCYTES**
[54] **DETECTION ET MESURE DES LYMPHOCYTES INFILTRANT LES TISSUS**
[72] FAHAM, MALEK, US
[72] KLINGER, MARK, US
[73] ADAPTIVE BIOTECHNOLOGIES CORP., US
[85] 2014-06-11
[86] 2012-12-12 (PCT/US2012/069310)
[87] (WO2013/090469)
[30] US (61/570,192) 2011-12-13

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[13] C
[51] **Int.Cl. A61K 8/9789 (2017.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITION COMPRISING AN AQUEOUS EXTRACT OF NAVY-BEAN**
[54] **COMPOSITION COSMETIQUE REFERMANT UN EXTRAIT AQUEUX DE PETIT HARICOT BLANC**
[72] FLORENCE, TIFFANY, US
[72] GAN, DAVID, US
[72] HINES, MICHELLE, US
[73] MARY KAY INC., US
[85] 2014-06-13
[86] 2012-12-19 (PCT/US2012/070681)
[87] (WO2013/096485)
[30] US (61/577,462) 2011-12-19

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[13] C
[51] **Int.Cl. C07F 5/02 (2006.01) C09D 11/32 (2014.01) C09B 57/00 (2006.01)**
[25] EN
[54] **BORON SUBPHTHALOCYANINE COMPOUNDS AND METHOD OF MAKING**
[54] **COMPOSES DE SUBPHTHALOCYANINE DE BORE ET PROCEDE DE FABRICATION**
[72] BANNING, JEFFREY H., US
[72] WEDLER, WOLFGANG G., US
[72] DRAPPEL, STEPHAN V., CA
[73] XEROX CORPORATION, US
[86] (2860565)
[87] (2860565)
[22] 2014-08-25
[30] US (14/012,222) 2013-08-28

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[51] **Int.Cl. C08F 251/00 (2006.01) C08F 212/08 (2006.01) C08F 220/18 (2006.01) D21H 21/16 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING SIZE DISTRIBUTION OF POLYMER PARTICLES DURING PREPARATION OF AQUEOUS POLYMER DISPERSION, AQUEOUS POLYMER DISPERSION AND ITS USE**
[54] **PROCEDE PERMETTANT DE REGLER LA DISTRIBUTION DE TAILLE DE PARTICULES DE POLYMERE PENDANT LA PREPARATION D'UNE DISPERSION AQUEUSE DE POLYMERE, DISPERSION AQUEUSE DE POLYMERE ET SON UTILISATION**
[72] PEURANEN, HELENA, FI
[72] HEISKA, PERTTU, FI
[72] HUHTALA, KIMMO, FI
[72] BRUUN, NINA, FI
[73] KEMIRA OYJ, FI
[85] 2014-07-11
[86] 2013-01-11 (PCT/FI2013/050031)
[87] (WO2013/104832)
[30] FI (20125036) 2012-01-12
[30] US (61/585,677) 2012-01-12

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[13] C
[51] **Int.Cl. A47L 15/23 (2006.01)**
[25] EN
[54] **WAREWASH MACHINE WITH REMOVABLE ROTATING ARM AND RELATED METHOD**
[54] **LAVE-VAISSELLE MUNI DE BRAS ROTATIF DETACHABLE ET PROCEDE ASSOCIE**
[72] WATSON, MICHAEL T., US
[72] BRUNSWICK, BRIAN A., US
[72] NEWCOMER, JEFFREY R., US
[72] HEINRICH, GONSKA, US
[72] WALZ, ROLAND, US
[73] PREMARK FEG L.L.C., US
[85] 2014-07-15
[86] 2013-02-12 (PCT/US2013/025658)
[87] (WO2013/122893)
[30] US (61/598,695) 2012-02-14
[30] US (13/738,877) 2013-01-10

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[13] C
[51] **Int.Cl. G01B 5/24 (2006.01) B25H 7/00 (2006.01) E04D 15/00 (2006.01)**
[25] EN
[54] **LARGE T-SQUARE PROTRACTOR FOR USE IN CONSTRUCTION**
[54] **RAPPORTEUR D'ANGLE CARRE EN T GRAND FORMAT DESTINE A LA CONSTRUCTION**
[72] CRUICKSHANKS, GREG, CA
[73] CRUICKSHANKS, GREG, CA
[85] 2014-07-30
[86] 2012-02-06 (PCT/CA2012/000091)
[87] (WO2013/116915)

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[13] C
[51] **Int.Cl. C10G 29/04 (2006.01) C10G 21/06 (2006.01) C25B 13/00 (2006.01)**
[25] EN
[54] **PROCESS FOR DESULFURIZING PETROLEUM FEEDSTOCKS**
[54] **PROCEDE DE DESULFURATION DE CHARGES D'ALIMENTATION A BASE DE PETROLE**
[72] GORDON, JOHN HOWARD, US
[72] ALVARE, JAVIER, US
[73] FIELD UPGRADING LIMITED, CA
[85] 2014-07-30
[86] 2013-01-30 (PCT/US2013/023850)
[87] (WO2013/116340)
[30] US (61/594,846) 2012-02-03

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[13] C
[51] **Int.Cl. B41F 9/10 (2006.01)**
[25] EN
[54] **INK WIPING SYSTEM OF AN INTAGLIO PRINTING PRESS AND INTAGLIO PRINTING PRESS COMPRISING THE SAME**
[54] **SYSTEME D'ESSUYAGE D'ENCRE D'UNE PRESSE D'IMPRESSION EN TAILLE-DOUCE ET PRESSE D'IMPRESSION EN TAILLE-DOUCE LE COMPORTANT**
[72] SCHARKUS, VOLKER, DE
[72] SOKOL, RALF HARALD, DE
[72] SCHWITZKY, VOLKMAR ROLF, DE
[72] CLAUDE, LAURENT, CH
[72] WURSCH, ALAIN, CH
[72] SCHAEDE, JOHANNES GEORG, DE
[73] KBA-NOTASYS SA, CH
[85] 2014-08-06
[86] 2013-03-11 (PCT/IB2013/051920)
[87] (WO2013/132471)
[30] EP (12158948.5) 2012-03-09

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[13] C
[51] **Int.Cl. A61K 9/107 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **OPHTHALMIC PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS PHARMACEUTIQUES OPHTALMIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] DAVIO, STEPHEN R., US
[72] SARKAR, PARAMITA, US
[72] MARLOWE, ZORA T., US
[72] GLASS, BRIAN, US
[72] KLEIBER, TAMMY J., US
[73] BAUSCH & LOMB INCORPORATED, US
[85] 2014-08-12
[86] 2013-02-07 (PCT/US2013/025013)
[87] (WO2013/122801)
[30] US (61/597,879) 2012-02-13
[30] US (13/739,018) 2013-01-11

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[13] C
[51] **Int.Cl. B65D 43/02 (2006.01)**
[25] EN
[54] **LID, AND CONTAINER SYSTEM AND LID**
[54] **COUVERCLE, ET SYSTEME DE RECIPIENT ET COUVERCLE**
[72] SMYERS, JUSTIN, US
[72] FERNANDES, NICOLSSON, US
[72] GRIDER, STEVEN M., US
[72] TRAN, KEN S., US
[73] WKI HOLDING COMPANY, INC., US
[85] 2014-09-04
[86] 2013-03-07 (PCT/US2013/029724)
[87] (WO2013/134570)
[30] US (61/609,142) 2012-03-09
[30] US (13/754,773) 2013-01-30

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[13] C
[51] **Int.Cl. H01M 8/0247 (2016.01) H01M 8/0232 (2016.01) H01M 8/0234 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **FUEL CELL FOR PRESSURE OPTIMIZATION OF ELECTROLYTE MEMBRANE**
[54] **PILE A COMBUSTIBLE DESTINEE A L'OPTIMISATION DE LA PRESSION D'UNE MEMBRANE ELECTROLYTIQUE**
[72] YAGINUMA, MOTOKI, JP
[72] KOTAKA, TOSHIKAZU, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-09-12
[86] 2013-03-14 (PCT/JP2013/001742)
[87] (WO2013/136806)
[30] JP (2012-058096) 2012-03-15

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[13] C
[51] **Int.Cl. G09F 7/16 (2006.01) G09F 7/18 (2006.01) G09F 13/04 (2006.01)**
[25] EN
[54] **CHANNEL LETTER AND TRIM CAP RETAINING CLIP THEREFOR**
[54] **LETTRE PROFILEE ET AGRAFE DE RETENUE A CAPUCHON DE GARNITURE ASSOCIEE**
[72] BOYER, CLYDE H., US
[73] SIGNCOMP, LLC, US
[85] 2014-10-02
[86] 2013-02-05 (PCT/US2013/024748)
[87] (WO2013/151615)
[30] US (61/619,510) 2012-04-03

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[13] C
[51] **Int.Cl. B23Q 1/46 (2006.01) B23Q 1/72 (2006.01)**
[25] EN
[54] **MOVING TYPE TAIL STOCK**
[54] **CONTRE-POUPEE DE TYPE MOBILE**
[72] AMAYA, KOICHI, JP
[72] IWAI, KIYOTAKA, JP
[72] IIZUKA, SYUJI, JP
[73] MATSUURA MACHINERY CORPORATION, JP
[86] (2870954)
[87] (2870954)
[22] 2014-11-13
[30] JP (JP 2014-103616) 2014-05-19

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[13] C
[51] **Int.Cl. G06Q 30/08 (2012.01)**
[25] EN
[54] **TRANSMISSION LATENCY LEVELING APPARATUSES, METHODS AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES DE NIVELLEMENT DE LATENCE DE TRANSMISSION**
[72] KATSUYAMA, BRADLEY, US
[72] SCHWALL, JOHN, US
[72] PARK, ROBERT, US
[72] RYAN, RONAN, US
[72] AISEN, BENJAMIN, US
[72] AISEN, DANIEL, US
[72] BOLLERMAN, DONALD, US
[72] CHUNG, FRANCIS, US
[72] FELDMAN, STANLEY, US
[72] MCKEE, TARA, US
[72] ZHAO, BILIE, US
[72] CAPE, JAMES, US
[72] LAUER, DAVID, US
[72] ZHANG, ALLEN, US
[72] LIVINGSTON, BLAIR, CA
[73] IEX GROUP, INC., US
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[54] **HIGH DURABILITY TURBINE EXHAUST CASE**
[54] **CARTER DE SORTIE DE TURBINE A HAUTE DURABILITE**
[72] MOUNTZ, DARYL B., US
[72] KAPUSTKA, THEODORE W., US
[72] LEVASSEUR, GLENN, US
[72] BORG, MARCUS, SE
[72] BERGLUND, JOAKIM, SE
[72] SVAHN, ANDERS, SE
[72] OCKBORN, JOHAN, SE
[72] PETTERSSON, BENGT, SE
[73] UNITED TECHNOLOGIES CORPORATION, US
[73] GKN AEROSPACE SWEDEN AB, SE
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[54] **WATER BODY CLEANER WITH SELECTIVE SEDIMENT DREDGING HEAD**
[54] **APPAREIL DE NETTOYAGE DE PLANS D'EAU POURVU D'UNE TETE DE DRAGAGE DE SEDIMENTS SELECTIVE**
[72] LEWIS, NEAL, US
[73] LEWIS, NEAL, US
[86] (2872393)
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[25] EN
[54] **CHARGED ENGINEERED POLYMER BEADS/BUBBLES FUNCTIONALIZED WITH MOLECULES FOR ATTRACTING AND ATTACHING TO MINERAL PARTICLES OF INTEREST FOR FLOTATION SEPARATION**
[54] **BILLES/BULLES POLYMERES MODIFIEES, CHARGEES, FONCTIONNALISEES PAR DES MOLECULES POUR ATTIRER ET FIXER DES PARTICULES MINERALES D'INTERET POUR UNE SEPARATION PAR FLOTTATION**
[72] DAVIS, MICHAEL A., US
[73] CIDRA CORPORATE SERVICES INC., US
[85] 2014-11-13
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[25] EN
[54] **CONTAINER AND LID WITH FASTENER ALIGNMENT GUIDE**
[54] **RECIPIENT ET COUVERCLE DOTE D'UN GUIDE D'ALIGNEMENT DE FIXATION**
[72] BELINDA, RICHARD L., US
[72] GILLIS, TIMOTHY F., US
[72] GUTHRIE, MARK JOSEPH, US
[73] HANDY & HARMAN, US
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[25] EN
[54] **RECOMMENDING ADDITIONAL USERS FOR AN EVENT USING A SOCIAL NETWORKING SYSTEM**
[54] **RECOMMANDATION D'UTILISATEURS SUPPLEMENTAIRES POUR UN EVENEMENT A L'AIDE D'UN SYSTEME DE RESEAU SOCIAL**
[72] NARAYANAN, SRINIVAS P., US
[72] SHAFFER, JUSTIN ALEXANDER, US
[72] HUI, DANIEL, US
[72] BAYER, ROSS DAVID, US
[73] FACEBOOK, INC., US
[85] 2014-11-25
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[54] **SYSTEMS AND METHODS FOR PROVIDING BALANCE AND EVENT NOTIFICATIONS**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES NOTIFICATIONS SUR SOLDE DE COMPTE ET SUR EVENEMENTS**
[72] DEL VECCHIO, ORIN, CA
[72] LALL, NIGEL, CA
[72] CHAN, PAUL MON-WAH, CA
[72] BARNETT, JONATHAN K., CA
[72] AGGARWAL, GARIMA, CA
[73] THE TORONTO-DOMINION BANK, CA
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[87] (2876615)
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[54] **PULLEY STRUCTURE**
[54] **STRUCTURE DE POULIE**
[72] SHIMAMURA, HAYATO, JP
[72] DAN, RYOSUKE, JP
[72] HARAGUCHI, MAKOTO, JP
[72] IMAI, KATSUYA, JP
[73] MITSUBOSHI BELTING LTD., JP
[85] 2014-12-17
[86] 2013-06-20 (PCT/JP2013/066939)
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[54] **RADIATION SHIELD ADAPTERS**
[54] **ADAPTATEURS D'ECRAN DE PROTECTION RADIOLOGIQUE**
[72] UBER, ARTHUR E., US
[72] TUCKER, BARRY L., US
[72] TROCKI, MARK, US
[72] HOFFMAN, RAYMOND C., US
[72] MABIE, MARC A., US
[73] BAYER HEALTHCARE LLC, US
[85] 2014-12-23
[86] 2013-06-28 (PCT/US2013/048484)
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[30] US (61/665,484) 2012-06-28
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[54] **WELDING SYSTEM FOR AND METHOD OF WELDING USING A GENERATOR ENGINE SPEED CONTROL**
[54] **SYSTEME DE SOUDAGE ET PROCEDE DE SOUDAGE UTILISANT UNE COMMANDE DE VITESSE DE MOTEUR DE GENERATEUR**
[72] DUVAL, RANDALL J., US
[72] FOSBINDER, DANIEL C., US
[72] JOCHMAN, NATHAN J., US
[72] WIERSCHKE, CHRISTOPHER J., US
[72] LEISNER, JOHN C., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-12-23
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[54] **COMBUSTIBLE HEAT SOURCE WITH IMPROVED BINDING AGENT**
[54] **SOURCE DE CHALEUR COMBUSTIBLE AVEC AGENT DE LIAISON AMELIORE**
[72] MALGAT, ALEXANDRE, CH
[72] POGET, LAURENT, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **COOLANT RECOVERY AND WASTE SEPARATION SYSTEM**
[54] **SYSTEME DE RECUPERATION DE LIQUIDE DE REFROIDISSEMENT ET DE SEPARATION DE DECHETS**
[72] FORLONG, MURRAY HOULTON, NZ
[73] EIGEN SYSTEMS LIMITED, NZ
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[54] **COKE DRUM ADDITIVE INJECTION**
[54] **INJECTION D'UN ADDITIF DANS UN TAMBOUR DE COKEFACTION**
[72] FAEGH, AHMAD, US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2015-03-20
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[54] **SYSTEMS AND METHODS FOR PROVIDING INFORMATION-TECHNOLOGY ASSETS IN AN OPEN ENVIRONMENT**
[54] **SYSTEMES ET METHODES DE PRESENTATION D'ACTIFS DE TECHNOLOGIE D'INFORMATION DANS UN ENVIRONNEMENT OUVERT**
[72] CHOE, MOK, CA
[72] CHAN, PAUL MON-WAH, CA
[72] HOSSEINIAN, ALI, CA
[73] THE TORONTO-DOMINION BANK, CA
[86] (2887503)
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[25] EN
[54] **SYSTEM AND METHOD FOR ENHANCED SPORTS POOL RAFFLE**
[54] **DISPOSITIF ET METHODE SERVANT A AMELIORER LE TIRAGE AU SORT DES PARIS SPORTIFS**
[72] O'HAGAN, SEAN A., CA
[73] O'HAGAN, SEAN A., CA
[86] (2887524)
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[22] 2015-04-13
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[54] **PRACTICE HOCKEY GOALTENDERS**
[54] **GARDIENS DE BUT DE PRATIQUE DE HOCKEY**
[72] MCMAHON, JAMES F. JR., US
[73] MCMAHON, JAMES F. JR., US
[86] (2889340)
[87] (2889340)
[22] 2015-04-27
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[25] EN
[54] **ARTICLE COMPRISING POLYLACTIC ACID LAYERS AND PROCESS OF MAKING THE SAME**
[54] **ARTICLE COMPRENANT DES COUCHES D'ACIDE POLYLACTIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] CHIVRAC, FREDERIC, FR
[72] JACOB, ANNE-FLORE, FR
[72] WEGNER, JAN-ERIC, DE
[72] GROESELING, MIRCO, DE
[73] COMPAGNIE GERVAIS DANONE, FR
[73] CLARIANT INTERNATIONAL LTD, CH
[85] 2015-04-28
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[25] EN
[54] **ANTI-BUMPING IMPACT PROTECTION DEVICE AND METHOD FOR SOLENOID-OPERATED LOCKING CONTAINERS**
[54] **DISPOSITIF DE PROTECTION CONTRE LES IMPACTS ANTI-SOUBRESAUTS ET METHODE DESTINEE A DES CONTENANTS VERROUILLES AU MOYEN DE SOLENOIDES**
[72] INGLE, MICHAEL E., US
[72] DERKITT, JENNIFER LORRAINE, US
[73] INGLE, MICHAEL E., US
[86] (2892119)
[87] (2892119)
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[13] C
[51] **Int.Cl. B05D 1/28 (2006.01) B05C 1/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING HYDROPHOBIC STRUCTURES IN A POROUS SUBSTRATE**
[54] **SYSTEME ET METHODE DE FORMATION DE STRUCTURES HYDROPHOBIQUES DANS UN SUBSTRAT POREUX**
[72] O'NEIL, JASON, US
[72] ZHOU, JING, US
[72] KANUNGO, MANDAKINI, US
[72] JIA, NANCY Y., US
[72] MCCONVILLE, PAUL J., US
[72] HONG, WEI, US
[73] XEROX CORPORATION, US
[86] (2895005)
[87] (2895005)
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[51] **Int.Cl. B65D 47/12 (2006.01) B65D 41/16 (2006.01) B65D 41/20 (2006.01) B65D 47/20 (2006.01) B65D 47/24 (2006.01) B65D 75/58 (2006.01) B65D 77/06 (2006.01)**
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[54] **ADAPTERS FOR CONSUMABLE PRODUCT PACKAGES AND METHODS FOR USING SAME**
[54] **ADAPTATEURS POUR EMBALLAGES DE PRODUITS CONSOMMABLES ET LEURS PROCEDES D'UTILISATION**
[72] DZIKOWICZ, ANTHONY EDWARD, US
[72] RODGERS, MATTHEW BLAKE, US
[72] WOLF, JOHN JOSEPH, US
[72] GENAW, JOEL DEAN, JR., US
[73] NESTEC S.A., CH
[85] 2015-07-02
[86] 2014-11-21 (PCT/IB2014/066245)
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[30] US (61/909,368) 2013-11-26
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[54] **GRAMMAR MODEL FOR STRUCTURED SEARCH QUERIES**
[54] **MODELE DE GRAMMAIRES POUR REQUETES STRUCTUREES DE RECHERCHE**
[72] LEE, YOFAY KARI, US
[72] COHEN, MICHAEL BENJAMIN, US
[72] BOUCHER, MAXIME, US
[72] AZZOLINI, ALISSON GUSATTI, US
[72] LI, XIAO, US
[72] RASMUSSEN, LARS EILSTRUP, US
[72] HYMES, KATHRYN, US
[72] CAMPBELL, AMY, US
[73] FACEBOOK, INC., US
[86] (2897123)
[87] (2897123)
[22] 2013-10-29
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[51] **Int.Cl. G01N 3/40 (2006.01) G01L 5/00 (2006.01) G01M 17/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **BLUNT IMPACT INDICATOR METHODS**
[54] **PROCEDES D'INDICATION D'IMPACT CONTONDANT**
[72] GEORGESON, GARY E., US
[72] TAPIA, WILLIAM JOSEPH, US
[73] THE BOEING COMPANY, US
[86] (2897256)
[87] (2897256)
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[30] US (14/337,285) 2014-07-22

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[51] **Int.Cl. B29C 73/10 (2006.01) B29C 70/44 (2006.01) B29C 73/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REWORKING STRUCTURES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE RETRAVAILLER DES STRUCTURES**
[72] HANKS, DENNIS J., US
[72] WOODS, JACK A., US
[73] THE BOEING COMPANY, US
[85] 2015-07-13
[86] 2014-01-06 (PCT/US2014/010290)
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[51] **Int.Cl. B01D 53/62 (2006.01) C04B 2/10 (2006.01) C04B 7/44 (2006.01)**
[25] EN
[54] **SULPHUR-ASSISTED CARBON CAPTURE AND STORAGE (CCS) PROCESSES AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE CAPTAGE ET DE STOCKAGE DE CARBONE (CSC) A L'AIDE DE SOUFRE**
[72] WOJAK, BOGDAN, CA
[73] WOJAK, BOGDAN, CA
[85] 2015-07-17
[86] 2013-04-15 (PCT/CA2013/000356)
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[54] **ENSEMBLE DE MONTANT DE GUIDON REGLABLE**
[72] LABBE, CHRISTIAN, CA
[72] BEDARD, YVON, CA
[72] MERCIER, MATHIEU, CA
[72] LAVOIE, ALAIN, CA
[73] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **ONE-STEP TYMPANOSTOMY TUBE AND INSERTION METHOD**
[54] **TUBE DE TYMPANOSTOMIE ET PROCEDE D'INSERTION A UNE ETAPE**
[72] FRITSCH, MICHAEL H., US
[73] FRITSCH, MICHAEL H., US
[85] 2015-08-10
[86] 2013-07-17 (PCT/US2013/050931)
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[54] **BRAZING SHEET CORE ALLOY FOR HEAT EXCHANGER**
[54] **ALLIAGE DE NOYAU DE TOLE A BRASAGE POUR ECHANGEUR DE CHALEUR**
[72] HOWELLS, ANDREW D., CA
[72] AHMED, HANY, US
[72] GATENBY, KEVIN MICHAEL, US
[72] KADALI, JYOTHI, US
[72] MAROIS, PIERRE HENRI, CA
[73] NOVELIS INC., US
[85] 2015-08-13
[86] 2014-03-12 (PCT/US2014/024142)
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[25] EN
[54] **SECURE SHORT-DISTANCE-BASED COMMUNICATION AND ACCESS CONTROL SYSTEM**
[54] **COMMUNICATION SECURISEE COURTE DISTANCE ET MECANISME DE CONTROLE D'ACCES**
[72] RAINA, SUNIL, US
[72] SOMANI, AVISHEK, CA
[72] CUDDIHEY, ALDEN, CA
[72] BUTLER, SCOTT THOMAS, CA
[72] ARCHIBALD, DOUGLAS ARTHUR MICHAEL, CA
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2901683)
[87] (2901683)
[22] 2015-08-25
[30] US (14/468,198) 2014-08-25
[30] US (14/468,188) 2014-08-25
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[30] US (14/828,825) 2015-08-18

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[25] EN
[54] **PIVOTABLE VEHICLE MOUNTING SYSTEM FOR MOBILE COMPUTING DEVICES**
[54] **SYSTEME D'INSTALLATION DE VEHICULE PIVOTANT DESTINE A DES APPAREILS INFORMATIQUES MOBILES**
[72] JOHNSON, KENNETH L., US
[73] VOXX INTERNATIONAL CORPORATION, US
[85] 2015-09-09
[86] 2014-03-14 (PCT/US2014/027461)
[87] (WO2014/152546)
[30] US (13/839,133) 2013-03-15

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[13] C
[51] **Int.Cl. F02B 19/12 (2006.01) F02B 19/18 (2006.01)**
[25] EN
[54] **ACTIVE SCAVENGE PRECHAMBER**
[54] **PRECHAMBRE DE BALAYAGE ACTIF**
[72] SOTIROPOULOU, MARIA EMMANUELLA, US
[72] TOZZI, LUIGI P., US
[73] PROMETHEUS APPLIED TECHNOLOGIES, LLC, US
[85] 2015-09-10
[86] 2014-03-12 (PCT/US2014/024904)
[87] (WO2014/165236)
[30] US (61/778,266) 2013-03-12

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[13] C
[51] **Int.Cl. H04W 76/20 (2018.01) H04W 64/00 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION DEVICE MOUNTABLE ON MOBILE OBJECT, MONITORING CONTROL SYSTEM OF WIRELESS COMMUNICATION DEVICE MOUNTABLE ON MOBILE OBJECT, MONITORING CONTROL METHOD OF WIRELESS COMMUNICATION DEVICE MOUNTABLE ON MOBILE OBJECT, AND REMOTE CONTROL CENTER**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL POUVANT ETRE INSTALLE SUR UN OBJET MOBILE, MECANISME DE COMMANDE DE SURVEILLANCE DU DISPOSITIF DE COMMUNICATION SANS FIL POUVANT ETRE INSTALLESUR UN OBJET MOBILE, METHODE DE COMMANDE DE SURVEILLANCE DU DISPOSITIF DE COMMUNICATION SANS FIL POUVANT ETRE INSTALLE SUR UN OBJET MOBILE ET CENTRALE DE TELECOMMANDE**
[72] KODAN, TOMOKI, CN
[72] WEI, XING, CN
[72] JANG, DAN, CN
[72] FUJIWARA, YASUHISA, JP
[72] SHANG, YANJUN, CN
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2906486)
[87] (2906486)
[22] 2015-09-29
[30] CN (201410522122.7) 2014-09-30

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[54] **COATINGS FOR CONTROLLED RELEASE OF HIGHLY WATER SOLUBLE DRUGS**
[54] **ENROBAGES POUR LIBERATION CONTROLEE DE MEDICAMENTS FORTEMENT HYDROSOLUBLES**
[72] TATON, KRISTIN, US
[72] LAWIN, LAURIE, US
[72] GUIRE, PATRICK, US
[73] INNOVATIVE SURFACE TECHNOLOGIES, INC., US
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[54] **WASHABLE INTELLIGENT GARMENT AND COMPONENTS THEREOF**
[54] **VETEMENT INTELLIGENT LAVABLE ET SES COMPOSANTS**
[72] FOURNIER, PIERRE-ALEXANDRE, CA
[72] ROY, JEAN-FRANCOIS, CA
[72] ROBILLARD, CHARLES, CA
[72] GAGNON, STEPHAN, CA
[73] CARRE TECHNOLOGIES INC., CA
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[54] **SUPPORT DE MANDRIN**
[72] ANGELLE, JEREMY RICHARD, US
[72] SMITH, LOGAN ESSEX, US
[72] THIBODEAUX, ROBERT, JR., US
[73] FRANK'S INTERNATIONAL, LLC, US
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[54] **WASTEWATER TREATMENT PROCESSES EMPLOYING HIGH RATE CHEMICAL SOFTENING SYSTEMS**
[54] **PROCEDES DE TRAITEMENT DES EAUX USEES FAISANT APPEL A DES SYSTEMES D'ADOUCISSEMENT CHIMIQUE A HAUT DEBIT**
[72] BLUMENSCHEIN, CHARLES, US
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[54] **STACK ARRAY IN SOLID OXIDE FUEL CELL POWER GENERATION SYSTEM**
[54] **RESEAU DE PILES GALVANIQUES DANS UN SYSTEME DE GENERATION DE PUISSANCE PAR PILE A COMBUSTIBLE A OXYDE SOLIDE**
[72] WANG, WEIGUO, CN
[72] PENG, JUN, CN
[72] RU, HAOLEI, CN
[72] YE, SHUANG, CN
[73] NINGBO INSTITUE OF MATERIAL TECHNOLOGY & ENGINEERING CHINESE ACADEMY OF SCIENCES, CN
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[54] **ROPE FOR HOISTING DEVICE, ELEVATOR AND USE**
[54] **CABLE POUR MACHINE DE LEVAGE, ELEVATEUR ET UTILISATION**
[72] PELTO-HUIKKO, RAIMO, FI
[72] VALJUS, PETTERI, FI
[72] HONKANEN, JUHA, FI
[72] SJODAHL, KIM, FI
[73] KONE CORPORATION, FI
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[54] **SMART SUSCEPTOR FOR A SHAPE MEMORY ALLOY (SMA) ACTUATOR INDUCTIVE HEATING SYSTEM**
[54] **SUSCEPTEUR INTELLIGENT POUR UN SYSTEME DE CHAUFFAGE INDUCTIF A ACTIONNEUR EN ALLIAGE A MEMOIRE DE FORME (SMA)**
[72] SHOME, MOUSHUMI, US
[72] CALKINS, FREDERICK T., US
[72] AMOROSI, STEPHEN R., US
[72] JAMISON, FLINT M., US
[72] APDALHALIEM, SAHRUDINE, US
[72] MILLER, ROBERT JAMES, US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **SHOWER STORAGE AND ASSIST ASSEMBLY**
[54] **ENSEMBLE DE RANGEMENT ET DE SOUTIEN POUR DOUCHE**
[72] MCDONALD, ALAN, US
[72] O'BRIEN, SARAH, US
[72] KOH, YOON, US
[72] ZIMBRIC, LUKE, US
[73] KOHLER CO., US
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[54] **COATING COMPOSITION FOR FOOD OR BEVERAGE CONTAINER**
[54] **COMPOSITION DE REVETEMENT DESTINEE A UN CONTENANT D'ALIMENT OU DE BOISSON**
[72] SENEKER, CARL, US
[72] WILLIAMSON, JESSICA M., US
[72] KNOTTS, CLAUDIA, US
[72] MOUSSA, YOUSSEF, US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **WIND TURBINE WITH INTERNAL TRANSPORT DEVICE**
[54] **EOLIENNE EQUIPEE D'UN DISPOSITIF DE TRANSPORT INTERNE**
[72] ROER, JOCHEN, DE
[72] KOHLER, JAN-PHILLIP, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2016-01-08
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[54] **TOOTHED BELT DRIVING DEVICE FOR BICYCLE**
[54] **DISPOSITIF D'ENTRAINEMENT A COURROIE CRANTEE POUR BICYCLETTE**
[72] OSAKI, SUSUMU, JP
[72] OKAZAWA, TAKAHIDE, JP
[73] MITSUBOSHI BELTING LTD., JP
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[54] **MEDIA DISTRIBUTION SYSTEM WITH MANIFEST-BASED ENTITLEMENT ENFORCEMENT**
[54] **SYSTEME DE DISTRIBUTION MULTIMEDIA A MISE EN APPLICATION D'AUTORISATIONS D'ACCES REPOSANT SUR UN MANIFESTE**
[72] MIKHAILOV, MIKHAIL, US
[72] NAIR, RAJ, US
[73] ERICSSON AB, SE
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[54] **METHOD AND APPARATUS FOR SUSPENDING DUCT BY INSERTED CORNER MEMBERS**
[54] **PROCEDE ET APPAREIL DE SUSPENSION D'UN CONDUIT PAR DES ELEMENTS DE COIN INTRODUITS**
[72] FISCHER, HERBERT J., US
[72] CARSON, JEFFREY K., US
[73] JBT STEEL INDUSTRIES, INC., CA
[85] 2016-02-12
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[54] **FASTENER**
[54] **FIXATION**
[72] ZARB, JOSEPH, CA
[73] HONDA MOTOR CO., LTD., JP
[86] (2921508)
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **METHOD OF OPTIMIZING CONDUCTIVITY IN A HYDRAULIC FRACTURING OPERATION**
[54] **PROCEDE D'OPTIMISATION DE LA CONDUCTIVITE DANS UNE OPERATION DE FRACTURATION HYDRAULIQUE**
[72] GUPTA, D.V. SATYANARAYANA, US
[72] LEMONS, JIMIE DEVON, US
[72] HOLCOMB, WILLIAM D., US
[72] BRANNON, HAROLD DEAN, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **FUEL CELL AND FUEL CELL STACK WITH SUPPRESSED POISONING**
[54] **PILE A COMBUSTIBLE ET EMPILEMENT DE PILE A COMBUSTIBLE A SUPPRESSION D'EMPOISONNEMENT**
[72] KURIBAYASHI, MAKOTO, JP
[72] KATSUDA, HAYATO, JP
[72] IKEDA, ETSUYA, JP
[73] NGK SPARK PLUG CO., LTD., JP
[85] 2016-03-04
[86] 2014-09-08 (PCT/JP2014/004603)
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[54] **FLUID APPLICATION DEVICE HAVING A MODULAR NON-CONTACT NOZZLE FOR APPLYING FLUID TO AN ARTICLE**
[54] **DISPOSITIF D'APPLICATION DE FLUIDE AYANT UNE BUSE D'INJECTION SANS CONTACT MODULAIRE POUR APPLIQUER UN FLUIDE A UN ARTICLE**
[72] LESSLEY, MEL STEVEN, US
[72] BOLYARD, EDWARD WAYNE, JR., US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **APPARATUS AND METHODS FOR SEPARATED SECURITY IMPLEMENTATIONS IN WIRELESS COMMUNICATIONS**
[54] **APPAREIL ET PROCEDES D'IMPLEMENTATIONS DE SECURITE SEPAREES DANS LES COMMUNICATIONS SANS FIL**
[72] WENTINK, MAARTEN MENZO, US
[72] ASTERJADHI, ALFRED, US
[73] QUALCOMM INCORPORATED, US
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[54] **DISPOSITIF DE JOINT CAPTIF**
[72] KEISER, FRED, US
[72] KEISER, DAVID, US
[73] KEISER, FRED, US
[73] KEISER, DAVID, US
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[54] **OCULAR IMPLANTS AND METHODS**
[54] **IMPLANTS OCULAIRES ET PROCEDES**
[72] SCHIEBER, ANDREW T., US
[72] EUTENEUER, CHARLES L., US
[73] IVANTIS, INC., US
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[54] **SYSTEMS FOR ACCESS CONTROL AND SYSTEM INTEGRATION**
[54] **SYSTEME DE GESTION D'ACCES ET INTEGRATION SYSTEME**
[72] DRURY, RODNEY KENNETH, NZ
[72] VICKERS, MATTHEW JOHN, NZ
[73] XERO LIMITED, US
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[54] **SYSTEM AND METHOD FOR ALL ELECTRICAL OPERATION OF A MINING HAUL TRUCK**
[54] **SYSTEME ET PROCEDE DE FONCTIONNEMENT TOUT-ELECTRIQUE D'UN TOMBEREAU MINIER**
[72] MAZUMDAR, JOY, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2016-03-24
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[54] **PIECE D'ACIER SOUDEE MISE EN FORME A CHAUD A TRES HAUTE RESISTANCE MECANIQUE ET PROCEDE DE FABRICATION.**
[72] CRETTEUR, LAURENT, FR
[72] YIN, QINGDONG, FR
[72] SCHMIT, FRANCIS, FR
[72] EHLING, WOLFRAM, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
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[54] **REPLACEABLE UNIT FOR AN ELECTROPHOTOGRAPHIC IMAGE FORMING DEVICE HAVING A LATCHING MECHANISM**
[54] **UNITE REMPLACABLE POUR UN DISPOSITIF FORMANT UNE IMAGE ELECTRO-PHOTOGRAPHIQUE ET AYANT UN MECANISME DE VERROUILLAGE**
[72] LEEMHUIS, MICHAEL CRAIG, US
[72] PANGBURN, THOMAS EUGENE, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2016-04-11
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[54] **DEVICE FOR PRODUCING LASER RADIATION**
[54] **DISPOSITIF DE MISE EN FORME D'UN RAYONNEMENT LASER**
[72] MITRA, THOMAS, DE
[73] LIMO GMBH, DE
[85] 2016-04-15
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[25] EN
[54] **WEED CONTROLLER METABOLISM PROTEINS, GENES THEREOF AND USE OF THE SAME**
[54] **PROTEINES DU METABOLISME PERMETTANT DE LUTTER CONTRE LES MAUVAISES HERBES, LEURS GENES ET LEUR UTILISATION**
[72] NAKAJIMA, HIROKI, JP
[72] MUKUMOTO, FUJIO, JP
[72] TAKAISHI, MASANAO, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS HAVING CONNECTOR**
[54] **SYSTEME A RACCORD POUR LE TRANSFERT FERME DE FLUIDES**
[72] SANDERS, LAURIE, US
[72] ZACHEK, MATTHEW, US
[73] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-05-02
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[54] **VENTED CAMPFIRE TARP**
[54] **BACHE DE FEU DE CAMP AERE**
[72] WOLF, MARK, US
[73] WOLF, MARK, US
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[54] **CLIENT-CONFIGURABLE SECURITY OPTIONS FOR DATA STREAMS**
[54] **OPTIONS DE SECURITE CONFIGURABLES PAR LE CLIENT POUR DES FLUX DE DONNEES**
[72] THEIMER, MARVIN MICHAEL, US
[72] GHARE, GAURAV D., US
[72] DUNAGAN, JOHN DAVID, US
[72] BURGESS, GREG, US
[72] XIONG, YING, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **SERINGUE ENTERALE**
[72] INGRAM, AARON N., US
[72] LAIR, ANTHONY C., US
[72] COSTELLO, MARK MARTIN, IE
[72] DOHERTY, TONY, IE
[72] DAVIS, BENJAMIN MARTIN, US
[73] NEOMED, INC., US
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[54] **HINGE ASSEMBLAGE**
[54] **ASSEMBLAGE DE CHARNIERE**
[72] CHEN, WATERSON, TW
[73] WATERSON CORP., TW
[73] CHEN, YIN-CHU, TW
[73] CHEN, WATERSON, TW
[86] (2930286)
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[25] EN
[54] **COMBINATIONS OF ZICONOTIDE AND OPIOIDS FOR REDUCING PAIN**
[54] **COMBINAISONS DE ZICONOTIDE ET D'OPIOIDES DESTINEES A REDUIRE LA DOULEUR**
[72] ELLIS, DAVID J., US
[72] MILJANICH, GEORGE, US
[72] SHIELDS, DAVID E., US
[73] JAZZ PHARMACEUTICALS INTERNATIONAL LIMITED, US
[86] (2930900)
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[54] **METHODS OF REMOVING A WELLBORE ISOLATION DEVICE USING GALVANIC CORROSION OF A METAL ALLOY IN SOLID SOLUTION**
[54] **PROCEDE DE RETRAIT D'UN DISPOSITIF D'ISOLATION DE PUITS DE FORAGE A L'AIDE DE LA CORROSION GALVANIQUE D'UN ALLIAGE METALLIQUE DANS UNE SOLUTION SOLIDE**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] MURPHREE, ZACHARY R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **MEDIA PROCESSING DEVICE WITH ENHANCED MEDIA AND RIBBON LOADING AND UNLOADING FEATURES**
[54] **DISPOSITIF DE TRAITEMENT DE SUPPORTS DOTE DE FONCTIONS DE CHARGEMENT/DECHARGEMEN T DE RUBAN ET DE SUPPORT AMELIOREES**
[72] WONG, RANDAL, US
[72] BALCAN, PETRICA D., US
[72] CHIANG, SHU-HSUN, TW
[72] LU, KUAN-YING, TW
[72] CHANG, CHIA-WEN, TW
[72] CHARI, AVIND, US
[72] SCHATZ, BILL, US
[72] THIELEN, DON, US
[72] SMOLENSKI, LARRY, US
[72] GARBE, DAVID, US
[72] COLAGIOVANNI, CHRIS, US
[72] TSAI, JAMES, US
[72] WU, SHUSHUO, US
[72] HUSSEY, LANCE, US
[72] JANI, HARNISH, US
[72] VANDERPOL, GREG, US
[73] ZIH CORP., US
[85] 2016-06-16
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[87] (WO2015/095159)
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[25] EN
[54] **FUSED HETEROCYCLIC COMPOUNDS AS ION CHANNEL MODULATORS**
[54] **COMPOSES HETEROCYCLIQUES CONDENSES EN TANT QUE MODULATEURS DE CANAUX IONIQUES**
[72] KALLA, RAO, US
[72] PERRY, THAO, US
[72] ZABLOCKI, JEFF, US
[73] GILEAD SCIENCES, INC., US
[85] 2016-06-17
[86] 2014-12-17 (PCT/US2014/070920)
[87] (WO2015/095370)
[30] US (61/918,247) 2013-12-19

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[51] **Int.Cl. B61L 15/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING OPERATIONAL ANOMALIES IN TRAIN CONSISTS AND RAILCARS**
[54] **SYSTEME ET PROCEDE POUR LA DETECTION D'ANOMALIES DE FONCTIONNEMENT DANS UN GROUPE DE TRACTION DE TRAIN ET DE VEHICULES SUR RAIL**
[72] LEFEBVRE, WILLIAM, US
[72] MARTIN, ANDREW H., US
[72] COOPER, FRANCIS JAMES, US
[72] ADAMEC, RACHEL W., US
[73] AMSTED RAIL COMPANY, INC., US
[85] 2016-06-23
[86] 2014-12-24 (PCT/US2014/072380)
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[51] **Int.Cl. B23K 9/28 (2006.01) B23K 9/29 (2006.01)**
[25] EN
[54] **METHOD AND END ASSEMBLY FOR WELDING DEVICE**
[54] **METHODE ET ASSEMBLAGE D'EXTREMITE D'UN DISPOSITIF DE SOUDAGE**
[72] COOPER, EDWARD L., US
[72] HAYES, STEVEN J., US
[73] ELCO ENTERPRISES, INC., US
[86] (2935106)
[87] (2935106)
[22] 2016-07-04
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[25] EN
[54] **HARDFACED WEARPART USING BRAZING AND ASSOCIATED METHOD AND ASSEMBLY FOR MANUFACTURING**
[54] **PIECE D'USURE A FACE DURE UTILISANT UN BRASAGE ET PROCEDE ASSOCIE ET ENSEMBLE POUR SA FABRICATION**
[72] CHURCHILL, ROBIN KERRY, US
[73] ESCO GROUP LLC, US
[86] (2935826)
[87] (2935826)
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[51] **Int.Cl. B25J 15/00 (2006.01) B25J 15/10 (2006.01)**
[25] EN
[54] **ACTUATION OF A HAND INTENDED FOR BEING PROVIDED ON A HUMANOID ROBOT**
[54] **ACTIONNEMENT D'UNE MAIN DESTINEE A EQUIPER UN ROBOT A CARACTERE HUMANOIDE**
[72] LAVILLE, JEREMY, FR
[72] CLERC, VINCENT, FR
[72] MAISONNIER, BRUNO, FR
[73] ALDEBARAN ROBOTICS, FR
[85] 2016-07-21
[86] 2015-01-22 (PCT/EP2015/051235)
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[51] **Int.Cl. B23K 9/28 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **SIMULATION STICK WELDING ELECTRODE HOLDER SYSTEMS AND METHODS**
[54] **SYSTEMES DE SUPPORT D'ELECTRODE POUR SIMULATION DE SOUDAGE A L'ELECTRODE ET METHODES**
[72] BECKER, WILLIAM JOSHUA, US
[72] MARCUSEN, DAVID PAUL, US
[72] PETERSON, NICHOLAS JON, US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2937592)
[87] (2937592)
[22] 2016-08-02
[30] US (62/204,184) 2015-08-12
[30] US (15/211,708) 2016-07-15

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[51] **Int.Cl. B60R 21/235 (2006.01)**
[25] EN
[54] **AIRBAG COATING**
[54] **REVETEMENT DE COUSSIN GONFLABLE**
[72] KESHAVARAJ, RAMESH, US
[73] MILLIKEN & COMPANY, US
[86] (2937955)
[87] (2937955)
[22] 2016-08-04
[30] US (14/833,392) 2015-08-24

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[25] EN
[54] **DOCUMENT VALIDATING/STACKING DEVICE**
[54] **DISPOSITIF DE VALIDATION/EMPILAGE DE DOCUMENTS**
[72] ITO, KENICHI, JP
[73] JAPAN CASH MACHINE CO., LTD., JP
[85] 2016-07-22
[86] 2015-01-28 (PCT/JP2015/000368)
[87] (WO2015/115095)
[30] JP (PCT/JP2014/000463) 2014-01-29

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[51] **Int.Cl. G01N 33/48 (2006.01) G16H 20/10 (2018.01)**
[25] EN
[54] **DIABETES THERAPY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE TRAITEMENT DU DIABETE**
[72] COHEN, GARY, US
[72] GETSCHMANN, KRISTEN, US
[72] RAMAN, VIDYA, US
[72] KO, KENNETH, US
[72] NAIR, BIJU, US
[72] TALBOT, CARY, US
[72] NITZAN, TAMIR, US
[72] KOVELMAN, PAUL H., US
[72] HESS, BEE, US
[73] MEDTRONIC MINIMED, INC., US
[86] (2938541)
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[25] EN
[54] **CONNECTOR WITH FILTER**
[54] **RACCORD AYANT UN FILTRE**
[72] SEALFON, ANDREW L., US
[73] REPRO-MED SYSTEMS, INC., US
[85] 2016-08-18
[86] 2015-02-20 (PCT/US2015/016929)
[87] (WO2015/127285)
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[54] **BALLOON CATHETER**
[54] **CATHETER A BALLONNET**
[72] YAGI, TAKAHIRO, JP
[72] MATSUKUMA, AKINORI, JP
[72] TAKAOKA, MOTOKI, JP
[72] KAMEMOTO, CHIGUSA, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2016-08-18
[86] 2015-03-31 (PCT/JP2015/060038)
[87] (WO2015/152194)
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[51] **Int.Cl. E21B 21/00 (2006.01) C09K 8/34 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **ORGANIC WATER SCAVENGING ADDITIVES FOR USE IN DRILLING FLUIDS**
[54] **ADDITIFS ORGANIQUES DE FIXATION DE L'EAU DESTINES A ETRE UTILISES DANS DES FLUIDES DE FORAGE**
[72] MCDANIEL, CATO RUSSELL, US
[72] SHUMWAY, WILLIAM WALTER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-29
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[25] EN
[54] **HIGH PRESSURE FLUID SPRAY NOZZLE INCORPORATING A FLOW CONTROLLED SWITCHING VALVE**
[54] **BUSE DE PULVERISATION DE FLUIDE HAUTE PRESSION RENFERMANT UNE SOUPAPE DE COMMUTATION A ECOULEMENT REGULE**
[72] ANDERSEN, COLTON, US
[73] STONEAGE, INC., US
[85] 2016-08-30
[86] 2015-02-18 (PCT/US2015/016398)
[87] (WO2015/142460)
[30] US (61/955,056) 2014-03-18
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[25] EN
[54] **IMPLANTS AND METHODS FOR MANUFACTURING SAME**
[54] **IMPLANTS ET PROCEDES POUR LEUR FABRICATION**
[72] GUILLEN, BLANCA, US
[72] STROUMPOULIS, DIMITRIOS, US
[73] ALLERGAN, INC., US
[86] (2941286)
[87] (2941286)
[22] 2010-05-12
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[25] EN
[54] **BUILDING PRODUCTS WITH FIRE-RESISTANT CLADDINGS**
[54] **PRODUITS DE CONSTRUCTION A REVETEMENTS RESISTANTS AU FEU**
[72] DIMAKIS, ALKIVIADIS GEORGE, US
[72] BJORKMAN, TRAVIS J., US
[72] ROBAK, GLEN, US
[72] WINTEROWD, JACK G., US
[72] PARKER, ERIK M., US
[72] RIEGER, DERIK, US
[73] WEYERHAEUSER NR COMPANY, US
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[87] (2941625)
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[54] **SHOCK ABSORBER**
[54] **AMORTISSEUR**
[72] LIN, WEI-LI, TW
[73] JIHSHYH INTERNATIONAL CO., LTD., TW
[86] (2941680)
[87] (2941680)
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[51] **Int.Cl. B23K 9/26 (2006.01) B23K 9/28 (2006.01)**
[25] EN
[54] **WELDING PROCESS WIRE FEEDER ADAPTER INSULATOR**
[54] **ISOLANT D'ADAPTATEUR D'ALIMENTATION DE FIL POUR UN PROCEDE DE SOUDAGE**
[72] DESSART, NICHOLAS JAMES, US
[72] BELLILE, BRIAN RANDALL, US
[72] STEIN, ALAN EDWARD, US
[73] ILLINOIS TOOL WORKS INC., US
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[87] (2941990)
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[25] EN
[54] **POLARISATION-PRESERVING FILTER FOR A DUAL-POLARISED WAVEGUIDE**
[54] **FILTRE PRESERVANT LA POLARISATION DESTINE A UN GUIDE D'ONDE A DOUBLE POLARISATION**
[72] SCHNEIDER, MICHAEL, DE
[72] KILIAN, MICHAEL, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[86] (2942617)
[87] (2942617)
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[51] **Int.Cl. B62K 5/08 (2006.01) B62K 5/05 (2013.01) B62K 21/00 (2006.01)**
[25] EN
[54] **VEHICLE WITH TWO FRONT WHEELS AND ASSOCIATED PARALLEL JOINT LINK SYSTEM**
[54] **VEHICULE EQUIPE DE DEUX ROUES AVANT ET D'UN SYSTEME DE LIAISON A JOINT PARALLELE ASSOCIE**
[72] OHNO, KOHSUKE, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2943755)
[87] (2943755)
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[25] EN
[54] **ELECTRICAL HOLLOW CONDUCTOR FOR AN ELECTROMAGNETIC MACHINE**
[54] **CONDUCTEUR CREUX ELECTRIQUE POUR MACHINE ELECTROMAGNETIQUE**
[72] SCHWEINERT, NIKOLAUS, DE
[73] DYNAMIC E FLOW GMBH, DE
[85] 2016-09-26
[86] 2015-04-02 (PCT/EP2015/057400)
[87] (WO2015/150556)
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[51] **Int.Cl. E21B 43/267 (2006.01) F04F 13/00 (2009.01) E21B 43/26 (2006.01)**
[25] EN
[54] **PRESSURE EXCHANGE SYSTEM WITH MOTOR SYSTEM**
[54] **SYSTEME D'ECHANGE DE PRESSION AVEC SYSTEME DE MOTEUR**
[72] GHASRIPOOR, FARSHAD, US
[72] MARTIN, JEREMY GRANT, US
[72] THEODOSSIOU, ALEXANDER PATRICK, US
[73] ENERGY RECOVERY, INC., US
[85] 2016-10-03
[86] 2015-04-10 (PCT/US2015/025469)
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[30] US (61/978,097) 2014-04-10

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[51] **Int.Cl. H04W 4/029 (2018.01) H04W 52/02 (2009.01) H04W 52/50 (2009.01)**
[25] EN
[54] **POWER MANAGEMENT OF MOBILE CLIENTS USING LOCATION-BASED SERVICES**
[54] **GESTION DE PUISSANCE DE CLIENTS MOBILES A L'AIDE DE SERVICES BASES SUR UN EMPLACEMENT**
[72] VACCARI, ANDREA, US
[72] JIA, YUNTAO, US
[72] BISHT, TUSHAR, US
[72] GE, JUN, US
[72] MOREELS, PIERRE, US
[73] FACEBOOK, INC., US
[85] 2016-10-05
[86] 2014-07-15 (PCT/US2014/046604)
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[30] US (61/980,453) 2014-04-16
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[25] EN
[54] **IMPROVED ANNULAR ISOLATION WITH TENSION-SET EXTERNAL MECHANICAL CASING (EMC) PACKER**
[54] **ISOLATION AMELIOREE D'ANNULAIRE AVEC GARNITURE DE TUBAGE MECANIQUE EXTERNE (EMC) POSEE EN TENSION**
[72] ROGERS, HENRY E., US
[72] ACOSTA, FRANK V., US
[72] HOLDEN, STEVEN L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **FLUID TRANSFER DEVICE WITH AXIALLY AND ROTATIONALLY MOVABLE PORTION**
[54] **DISPOSITIF DE TRANSFERT DE FLUIDE DOTE D'UNE PARTIE MOBILE AXIALEMENT ET DE MANIERE ROTATIVE**
[72] AUGUSTINI, EMILY, US
[72] AZIMUDDIN, ANAM, US
[72] KACZMARSKI, KATERINA, US
[72] JANG, SAE, YONG, KR
[72] JUNG, JIWON, KR
[72] WU, CHEN, US
[73] BECTON DICKINSON AND COMPANY LIMITED, IE
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[51] **Int.Cl. H04L 9/32 (2006.01)**
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[54] **SECURE DATA INTERACTION METHOD AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'INTERACTION SECURISEE DE DONNEES**
[72] LI, DONGSHENG, CN
[73] TENDYRON CORPORATION, CN
[85] 2016-10-25
[86] 2015-01-26 (PCT/CN2015/071584)
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[30] CN (201410172003.3) 2014-04-25
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[51] **Int.Cl. G01R 31/333 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TESTING A TAP CHANGER OF A TRANSFORMER**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE D'UN COMMUTATEUR A GRADINS D'UN TRANSFORMATEUR**
[72] RADLER, MICHAEL, AT
[72] UNTERER, BORIS, AT
[73] OMICRON ELECTRONICS GMBH, AT
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[25] EN
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[54] **MACHINE LIEUSE DE BARRES DE RENFORT**
[72] KUSAKARI, ICHIRO, JP
[72] KASAHARA, AKIRA, JP
[73] MAX CO., LTD., JP
[86] (2947247)
[87] (2947247)
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[51] **Int.Cl. B07B 15/00 (2006.01)**
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[54] **MULTI-STAGE GRIT RECYCLER**
[54] **RECYCLEUR D'IMPURETE MULTIETAGE**
[72] SULKOWSKI, TOM J., US
[73] SANDBLAST SOLUTIONS, INC., US
[86] (2947388)
[87] (2947388)
[22] 2016-11-02
[30] US (14/933,605) 2015-11-05

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[51] **Int.Cl. G01S 7/481 (2006.01) G01S 17/08 (2006.01)**
[25] EN
[54] **STABILIZED OBSERVATION WITH LRF FUNCTION**
[54] **OBSERVATION STABILISEE AU MOYEN D'UNE FONCTION LRF**
[72] ZADRAVEC, DUSAN, CH
[72] KUNZ, DANIEL, CH
[73] SAFRAN VECTRONIX AG, CH
[86] (2948098)
[87] (2948098)
[22] 2016-11-10
[30] EP (16152316.2) 2016-01-21

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[25] EN
[54] **ROLLER**
[54] **ROULEAU**
[72] JANG, HYUK SOO, KR
[73] JANG, HYUK SOO, KR
[85] 2016-11-08
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[51] **Int.Cl. C01G 3/05 (2006.01)**
[25] EN
[54] **MICRONUTRIENT SUPPLEMENT MADE FROM COPPER METAL**
[54] **COMPLEMENT DE MICRONUTRIMENT A BASE DE CUIVRE METALLIQUE**
[72] LEISURE, NICHOLAS J., US
[73] MICRONUTRIENTS USA LLC, US
[85] 2016-11-16
[86] 2015-05-14 (PCT/US2015/030758)
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[30] US (14/279,731) 2014-05-16

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[13] C
[51] **Int.Cl. B25C 1/16 (2006.01) B25C 1/10 (2006.01)**
[25] EN
[54] **FUEL CARTRIDGE FOR A GAS-POWERED FIXING TOOL AND A GAS-POWERED FIXING TOOL HAVING SUCH A CARTRIDGE**
[54] **CARTOUCHE DE CARBURANT DESTINEE A UN OUTIL D'INSTALLATION ALIMENTE AU GAZ ET OUTIL D'INSTALLATION ALIMENTE AU GAZ COMPORTANT UNE TELLE CARTOUCHE**
[72] CORDEIRO, PIERRE, FR
[72] HERELIER, PATRICK, FR
[72] NAYRAC, FREDERIC, FR
[72] VETTORETTI, ALAIN, FR
[73] ILLINOIS TOOL WORKS INC., US
[86] (2949505)
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[54] **ARTIFICIAL SPHINCTER**
[54] **SPHINCTER ARTIFICIEL**
[72] SAMBUSSETI, ANTONIO, IT
[72] CANCARINI, GIANNI, IT
[73] SAMBUSSETI, ANTONIO, IT
[73] CANCARINI, GIANNI, IT
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[54] **FORMING SYSTEM AND FORMING METHOD**
[54] **SYSTEME ET PROCEDE DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] SAIKA, MASAYUKI, JP
[72] KOMATSU, TAKASHI, JP
[73] SUMITOMO HEAVY INDUSTRIES, LTD., JP
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[51] **Int.Cl. C23C 2/12 (2006.01) C23C 2/02 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **STEEL PRODUCT WITH AN ANTICORROSIVE COATING OF ALUMINIUM ALLOY AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PRODUIT EN ACIER COMPRENANT UN REVETEMENT DE PROTECTION ANTICORROSION CONSTITUE D'UN ALLIAGE D'ALUMINIUM AINSI QUE SON PROCEDE DE FABRICATION**
[72] BLUMENAU, MARC, DE
[72] MOLL, OLIVER, DE
[72] PETERS, MICHAEL, DE
[72] WUTTKE, THIEMO, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[73] THYSSENKRUPP AG, DE
[85] 2016-12-16
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[25] EN
[54] **POWER TRANSMISSION DEVICE**
[54] **DISPOSITIF DE TRANSMISSION D'ENTRAINEMENT**
[72] NAITOU, SHINICHI, JP
[73] KOMATSU LTD., JP
[85] 2016-12-22
[86] 2015-04-03 (PCT/JP2015/060653)
[87] (WO2016/002287)
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[25] EN
[54] **METHOD FOR EXTRACTING RANDOM SIGNATURES FROM A MATERIAL ELEMENT AND METHOD FOR GENERATING A DECOMPOSITION BASE TO IMPLEMENT THE EXTRACTION METHOD.**
[54] **PROCEDE POUR EXTRAIRE DES SIGNATURES ALEATOIRES D'UN ELEMENT DE MATERIAU ET PROCEDE POUR GENERER UNE BASE DE DECOMPOSITION POUR METTRE EN OEUVRE LE PROCEDE D'EXTRACTION.**
[72] BOUTANT, YANN, FR
[72] BECKER, JEAN-MARIE, FR
[72] FOURNEL, THIERRY, FR
[73] SIGNOPTIC TECHNOLOGIES, FR
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[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/20 (2006.01) H05B 1/02 (2006.01)**
[25] EN
[54] **ELECTRONIC CONTROL SYSTEM FOR ELECTRIC WATER HEATER**
[54] **SYSTEME DE COMMANDE ELECTRONIQUE DESTINE A UN CHAUFFE-EAU ELECTRIQUE**
[72] CHAUDHRY, RAHEEL A., US
[72] MACIULEWICZ, STEPHEN M., US
[72] BOROS, JOZEF, US
[73] RHEEM MANUFACTURING COMPANY, US
[86] (2954619)
[87] (2954619)
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[62] 2,839,140
[30] US (61/770,381) 2013-02-28
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[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **SYSTEM AND DEVICE FOR WINDOW COVERING SYSTEM**
[54] **SYSTEME ET DISPOSITIF DE SYSTEME DE REVETEMENT DE FENETRE**
[72] CHEN, LIN, CN
[72] NIEN, KENG-HAO, CN
[73] NIEN MADE ENTERPRISE CO., LTD, CN
[86] (2955041)
[87] (2955041)
[22] 2017-01-17
[30] US (62/342,289) 2016-05-27
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[25] EN
[54] **HIGH VOLTAGE EXPLOSIVE ASSEMBLY FOR DOWNHOLE DETONATIONS**
[54] **ENSEMBLE EXPLOSIF A HAUTE TENSION PERMETTANT DES DETONATIONS DE FOND DE TROU**
[72] LERCHE, NOLAN C., US
[72] BROOKS, JAMES E., US
[73] HUNTING TITAN, INC., US
[85] 2017-01-13
[86] 2015-08-28 (PCT/US2015/047446)
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[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVED DUCT PRESSURE TRANSFER IN PRESSURE EXCHANGE SYSTEM**
[54] **SYSTEME ET PROCEDE POUR TRANSFERT DE PRESSION DE CONDUIT AMELIORE DANS UN SYSTEME D'ECHANGE DE PRESSION**
[72] MARTIN, JEREMY GRANT, US
[72] ARLUCK, JAMES LEE, US
[73] ENERGY RECOVERY, INC., US
[85] 2017-02-03
[86] 2015-08-06 (PCT/US2015/044097)
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[30] US (62/034,008) 2014-08-06
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[51] **Int.Cl. B21C 23/06 (2006.01) B21C 25/04 (2006.01) B21C 35/02 (2006.01)**
[25] EN
[54] **EXTRUSION PRESS FOR PRODUCING FLAT SHEETS**
[54] **EXTRUDEUSE POUR FABRIQUER DES TOLES PLANES**
[72] BRUHNKE, ULRICH, DE
[73] BRUHNKE, ULRICH, DE
[85] 2017-02-07
[86] 2014-10-07 (PCT/DE2014/000488)
[87] (WO2015/055160)
[30] DE (10 2013 017 178.4) 2013-10-16

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[51] **Int.Cl. F04F 13/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHOD FOR PUMP PROTECTION WITH A HYDRAULIC ENERGY TRANSFER SYSTEM**
[54] **SYSTEMES ET PROCEDE DE PROTECTION DE POMPE COMPRENANT UN SYSTEME DE TRANSFERT D'ENERGIE HYDRAULIQUE**
[72] GAINS-GERMAIN, ANDREA MARY, US
[72] MARTIN, JEREMY GRANT, US
[72] GHASRIPOOR, FARSHAD, US
[73] ENERGY RECOVERY, INC., US
[85] 2017-02-24
[86] 2015-08-28 (PCT/US2015/047504)
[87] (WO2016/033508)
[30] US (62/044,095) 2014-08-29
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING PRODUCT FLOW TO AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET METHODE DE REGULATION DU FLUX DU PRODUIT VERS UNE MACHINE AGRICOLE**
[72] BINSIRAWANICH, PANA, TH
[72] NOBLE, SCOTT DAVID, CA
[72] HENRY, JIM, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2961242)
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[25] EN
[54] **EPOXY RESIN COMPOSITION FOR FIBER-REINFORCED COMPOSITE MATERIAL, METHOD FOR PRODUCING EPOXY RESIN COMPOSITION FOR FIBER-REINFORCED COMPOSITE MATERIAL, PREPREG, AND HONEYCOMB PANEL**
[54] **COMPOSITION DE RESINE EPOXY POUR MATERIAU COMPOSITE RENFORCE PAR DES FIBRES, PROCEDE DE PRODUCTION DE COMPOSITION DE RESINE EPOXY POUR MATERIAU COMPOSITE RENFORCE PAR DES FIBRES,PREIMPREGNE ET PANNEAU EN NID D'ABEILLES**
[72] IWATA, MITSUHIRO, JP
[72] ITO, TOMOHIRO, JP
[73] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2017-03-16
[86] 2015-06-09 (PCT/JP2015/066583)
[87] (WO2016/042857)
[30] JP (2014-191272) 2014-09-19

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[13] C
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **MULTI-FLUTE BALL END MILL**
[54] **FRAISE A BOUT SPHERIQUE A GORGES MULTIPLES**
[72] SAKAI, SHINJIROH, JP
[72] YOKOKAWA, MITSUHIRO, JP
[72] SATOU, TOMOHIRO, JP
[73] MITSUBISHI HITACHI TOOL ENGINEERING, LTD., JP
[85] 2017-03-16
[86] 2015-10-26 (PCT/JP2015/080073)
[87] (WO2016/068064)
[30] JP (2014-219718) 2014-10-28

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[13] C
[51] **Int.Cl. H01Q 11/16 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **ANTENNA DEVICE FOR SHORT-RANGE APPLICATIONS AND USE OF SUCH AN ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE DESTINE A DES UTILISATIONS COURTE PORTEE ET UTILISATION D'UN TEL DISPOSITIF D'ANTENNE**
[72] KILIAN, DIETER, DE
[73] KILIAN, DIETER, DE
[85] 2017-04-06
[86] 2015-10-19 (PCT/EP2015/002063)
[87] (WO2016/062391)
[30] DE (10 2014 015 708.3) 2014-10-23

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[13] C
[51] **Int.Cl. E01B 3/28 (2006.01)**
[25] EN
[54] **RAIL SEAT CROWN AND CONCRETE RAILROAD TIE HAVING THE SAME**
[54] **COURONNE DE SIEGE DE RAIL ET ATTACHE DE CHEMIN DE FER EN BETON COMPORTANT LADITE COURONNE**
[72] MARTIN, JOHN K., CA
[73] MARTIN, JOHN K., CA
[86] (2964705)
[87] (2964705)
[22] 2017-04-20
[30] US (15/459,279) 2017-03-15

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[13] C
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **A FUEL CELL SYSTEM FOR ESTIMATING A PURGE AMOUNT**
[54] **UN SYSTEME DE PILE A COMBUSTIBLE SERVANT A ESTIMER UNE QUANTITE A PURGER**
[72] ASAI, YOSHITOMO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-27
[86] 2015-09-16 (PCT/JP2015/076334)
[87] (WO2016/067781)
[30] JP (2014-219709) 2014-10-28

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[51] **Int.Cl. B62D 55/265 (2006.01) B62D 55/20 (2006.01) B62D 55/30 (2006.01) B63B 59/06 (2006.01)**
[25] EN
[54] **CATERPILLAR DEVICE**
[54] **DISPOSITIF A CHENILLES**
[72] LEE, DONG WOOK, KR
[72] KIM, YU SIK, KR
[73] TAS GLOBAL CO., LTD., KR
[85] 2017-05-10
[86] 2015-11-17 (PCT/KR2015/012358)
[87] (WO2016/085184)
[30] KR (10-2014-0168188) 2014-11-28

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[51] **Int.Cl. B29C 45/40 (2006.01)**
[25] EN
[54] **A NEW METHOD FOR INSTALLING INDIRECT AND DIRECT MOLD PRESSURE, TEMPERATURE, AND FLOW FRONT DETECTION SENSORS WITHOUT MACHINING THE MOLD**
[54] **NOUVEAU PROCEDE D'INSTALLATION DE CAPTEURS DE DETECTION INDIRECTE ET DIRECTE DE PRESSION DU MOULE, DE TEMPERATURE ET DE FRONT DE COULEE SANS USINAGE DU MOULE**
[72] GROLEAU, RODNEY J., US
[73] RJG, INC., US
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[87] (2968945)
[22] 2010-12-17
[62] 2,785,325
[30] US (12/655,165) 2009-12-23

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[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **COMPOSITE TERM INDEX FOR GRAPH DATA**
[54] **INDEX DE TERMES COMPOSE POUR DONNEES GRAPHIQUES**
[72] SINGH, SANJEEV, US
[72] TAYLOR, BRET STEVEN, US
[72] BUCHHEIT, PAUL, US
[72] NORRIS, JAMES, US
[72] BOSMAN, TUDOR, US
[72] DARNELL, BENJAMIN, US
[73] FACEBOOK, INC., US
[86] (2972316)
[87] (2972316)
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[30] US (61/428,615) 2010-12-30
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[51] **Int.Cl. B04B 5/12 (2006.01) B04B 11/02 (2006.01) B04B 11/06 (2006.01)**
[25] EN
[54] **CENTRIFUGAL SEPARATOR FOR CLEANING GAS**
[54] **SEPARATEUR CENTRIFUGE DESTINE A NETTOYER UN GAZ**
[72] POGEN, MATS-ORJAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2017-06-30
[86] 2016-01-27 (PCT/EP2016/051673)
[87] (WO2016/124461)
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[51] **Int.Cl. E21B 33/13 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **VISUALIZED AND PRESSURE-BEARING EVALUATION DEVICE FOR DRILLING FLUIDS WELLBORE STRENGTHENING MATERIAL (WSM) AND LOST CIRCULATION MATERIAL (LCM)**
[54] **DISPOSITIF D'EVALUATION VISUALISEE DE PROPRIETE DE MATERIAU D'OBTURATION ET DE BOUCHAGE DE FUITE DE FLUIDE DE FORAGE RESISTANT A LA PRESSION**
[72] ZENG, LIAM, CN
[73] VERTECHS OIL & GAS TECHNOLOGY CO., LTD., CN
[85] 2017-07-06
[86] 2016-04-26 (PCT/CN2016/080196)
[87] (WO2017/045402)
[30] CN (201510601414.4) 2015-09-18

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[51] **Int.Cl. E04B 2/74 (2006.01)**
[25] EN
[54] **WALL PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX MURAUX**
[72] KOPISH, ANDREW J., US
[72] WITTL, ROBERT M., US
[72] DART, MARK D., US
[72] LAFLEUR, TIMOTHY J., US
[72] QUINTAL, NATHAN A., US
[73] KRUEGER INTERNATIONAL, INC., US
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[25] EN
[54] **THERMAL RECOVERY METHODS FOR RECOVERING VISCOUS HYDROCARBONS FROM A SUBTERRANEAN FORMATION**
[54] **METHODES DE RECUPERATION THERMIQUE SERVANT A RECUPERER DES HYDROCARBURES VISQUEUX D'UNE FORMATION SOUTERRAINE**
[72] DORAISWAMY, SRIRAM, US
[72] KHALEDI, RAHMAN, CA
[72] KAMINSKY, ROBERT D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2978157)
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[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **VOLTAGE BALANCING CURRENT CONTROLLED LED CIRCUIT**
[54] **CIRCUIT A DEL COMMANDE A COURANT D'EQUILIBRAGE DE TENSION**
[72] WEEKS, JR., T. WARREN, US
[72] CLAWSON, THOMAS N., US
[72] HAMILTON, DOUGLAS M., US
[73] HUBBELL INCORPORATED, US
[85] 2017-09-14
[86] 2016-03-22 (PCT/US2016/023515)
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[30] US (14/667,023) 2015-03-24

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[51] **Int.Cl. A42B 3/06 (2006.01)**
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[54] **HELMET**
[54] **CASQUE**
[72] GRINNEBACK, KAY, SE
[72] LANNER, DANIEL, SE
[72] SEYFFARTH, MARCUS, SE
[73] MIPS AB, SE
[85] 2017-09-20
[86] 2017-02-28 (PCT/EP2017/054663)
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[30] GB (1603566.9) 2016-03-01

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[51] **Int.Cl. B62D 7/22 (2006.01)**
[25] EN
[54] **THROUGH-SHAFT STEERING DAMPER**
[54] **AMORTISSEUR DE DIRECTION TRAVERSANT L'ARBRE**
[72] COX, CHRISTOPHER PAUL, US
[73] TERAFLEX, INC., A UTAH CORPORATION, US
[86] (2983971)
[87] (2983971)
[22] 2017-10-27
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[51] **Int.Cl. B23Q 3/18 (2006.01) B23C 9/00 (2006.01)**
[25] EN
[54] **GUIDE DEVICE AND SCARFED SURFACE FORMING METHOD**
[54] **DISPOSITIF GUIDE ET PROCEDE DE FORMATION D'UNE SURFACE EN BISEAU**
[72] TAKITA, YUICHI, JP
[72] ITO, KOJI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-10-26
[86] 2016-09-13 (PCT/JP2016/076945)
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[51] **Int.Cl. B42D 25/40 (2014.01) B42D 25/328 (2014.01) B81B 7/00 (2006.01) G09F 3/03 (2006.01)**
[25] EN
[54] **CUSTOMIZATION OF SECURITY DISPLAY DEVICES**
[54] **PERSONNALISATION DE DISPOSITIFS D'AFFICHAGE DE SECURITE**
[72] MORTON, KEITH, CA
[72] VERES, TEODOR, CA
[72] CLIME, LIVIU, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2017-11-06
[86] 2016-05-11 (PCT/CA2016/050537)
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[13] C
[51] **Int.Cl. A22C 25/08 (2006.01) A22C 25/00 (2006.01) A22C 25/12 (2006.01)**
[25] EN
[54] **FISH DELIVERY DEVICE, FISH-TRANSFER SYSTEM EQUIPPED WITH SAID FISH DELIVERY DEVICE AND METHOD FOR THE AUTOMATED DELIVERY OF FISH TO A FISH PROCESSING DEVICE**
[54] **DISPOSITIF D'AMENEE DE POISSONS, SYSTEME DE TRANSFERT DE POISSONS EQUIPE DU DISPOSITIF D'AMENEE DE POISSONS ET PROCEDE D'AMENEE MECANIQUE DE POISSONS A UN DISPOSITIF DE TRAITEMENTDE POISSONS**
[72] PAULSOHN, CARSTEN, DE
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2017-11-10
[86] 2015-05-29 (PCT/EP2015/061993)
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[13] C
[51] **Int.Cl. A61F 2/30 (2006.01)**
[25] EN
[54] **MORSE TAPER PROTECTIVE SLEEVE**
[54] **MANCHON PROTECTEUR DE CONE MORSE**
[72] TERMANINI, ZAFER, US
[73] JOINT INNOVATION TECHNOLOGY, LLC, US
[85] 2017-11-15
[86] 2016-06-06 (PCT/US2016/036040)
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[30] US (14/732,753) 2015-06-07

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[51] **Int.Cl. B23K 11/31 (2006.01) B23K 11/11 (2006.01)**
[25] EN
[54] **SPOT WELDING ELECTRODE HOUSING APPARATUS**
[54] **APPAREIL DE LOGEMENT D'ELECTRODE DE SOUDAGE PAR POINT**
[72] NAKAJIMA, KOTARO, JP
[73] KYOKUTOH CO., LTD., JP
[85] 2017-11-21
[86] 2017-05-15 (PCT/JP2017/018174)
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[51] **Int.Cl. A62B 33/00 (2006.01)**
[25] FR
[54] **DEVICE FOR INFLATING MULTIPLE ENVELOPES**
[54] **DISPOSITIF DE GONFLAGE DE MULTIPLES ENVELOPPES**
[72] NAVEZ, NICOLAS, FR
[72] SCHMETZ, JEAN-MICHEL, BE
[72] GIRAUDON, PATRICK, FR
[73] NIC IMPEX, FR
[85] 2017-11-22
[86] 2016-05-24 (PCT/FR2016/051218)
[87] (WO2016/189242)
[30] FR (1554746) 2015-05-27

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[54] **SHELVING SYSTEM WITH A LADDER CAGE**
[54] **SYSTEME DE RAYONNAGE DOTE D'UNE CAGE POUR ECHELLE**
[72] HANLEY, CHARLES L., US
[72] TRAINOR, KEVIN J., US
[73] DEJANA TRUCK & UTILITY EQUIPMENT CO., US
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[54] **ADJUSTABLE ORIFICE VALVE AND CALIBRATION METHOD FOR AMMONIA APPLICATOR SYSTEM**
[54] **SOUPAPE A ORIFICE REGLABLE ET PROCEDE D'ETALONNAGE POUR UN SYSTEME APPLICATEUR D'AMMONIAQUE**
[72] HENRY, JAMES W., CA
[72] VAKIL, MOHAMMAD, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **GRINDING DISC**
[54] **MEULE**
[72] SCHUSTER, JAN, DE
[73] LUKAS-ERZETT VEREINIGTE SCHLEIF- UND FRAESWERKZEUGFABRIKEN GMBH & CO. KG, DE
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[54] **PORTABLE INFLATION DEVICE**
[54] **DISPOSITIF PORTABLE DE GONFLAGE**
[72] SCHMETZ, JEAN-MICHEL, BE
[72] NAVEZ, NICOLAS, FR
[72] GIRAUDON, PATRICK, FR
[73] NIC IMPEX, FR
[85] 2018-01-19
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[54] **BACKGROUND JOB PROCESSING FRAMEWORK**
[54] **STRUCTURE DE TRAITEMENT DE TACHES D'ARRIERE-PLAN**
[72] GEORGE, SANTHOSH PHILIP, US
[73] NASDAQ, INC., US
[85] 2018-01-30
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[54] **CONSTRUCTION SYSTEM HAVING CORE SUPPORTING BLOCKS AND DECORATIVE FASCIA BLOCKS**
[54] **SYSTEME DE CONSTRUCTION COMPRENANT DES BLOCS DE SUPPORT CENTRAUX ET DES BLOCS A BANDEAUX DECORATIFS**
[72] SWIERAD, SCOTT, CA
[72] RODENBURGH, RAY, CA
[72] BAILEY, AARON, CA
[73] HENGESTONE HOLDINGS, INC., CA
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[54] **AN IMAGE DECODING APPARATUS FOR OBTAINING A DECODED IMAGE BY DECODING AN ENCODED DATA**
[54] **APPAREIL DE DECODAGE D'IMAGE PERMETTANT D'OBTENIR UNE IMAGE DECODEE PAR DECODAGE DE DONNEES CODEES**
[72] KEROFSKY, LOUIS JOSEPH, US
[73] DOLBY INTERNATIONAL AB, NL
[86] (2996825)
[87] (2996825)
[22] 2002-08-08
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[25] EN
[54] **LOWER STABILIZING ARM FOR A DRILLING RIG**
[54] **BRAS DE STABILISATION INFERIEUR POUR UNE INSTALLATION DE FORAGE**
[72] ORR, MELVIN ALAN, US
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **USE OF STERILE SLEEVE IN PRODUCTION OF SURGICAL SLUSH**
[54] **UTILISATION D'UN MANCHON STERILE DANS LA PRODUCTION D'UNE BOUILLIE CHIRURGICALE**
[72] KAMMER, PATRICK, US
[72] RACKERS, KEVIN JOSEPH, US
[72] ALLRED, PHILIP MORRISON, US
[73] C CHANGE SURGICAL LLC, US
[85] 2018-04-05
[86] 2016-10-05 (PCT/US2016/055524)
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[54] **DOUBLE-PISTON-EFFECT VALVE**
[54] **SOUPAPE A DOUBLE EFFET DE PISTON**
[72] CHEN, JEROME CHIN LUNG, CA
[72] LI, MICHAEL QIANG, CA
[73] FORTUNE MFG. CO., LTD., CN
[86] (3006852)
[87] (3006852)
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[54] **ULTRASONIC TIP ASSEMBLY**
[54] **ENSEMBLE POINTE ULTRASONORE**
[72] MAXWELL, RANDALL, US
[72] WILKINSON, KEVIN, US
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **A COMBINATION OF TWO SAFETY ATTACHMENTS FOR LADDERS**
[54] **UNE COMBINAISON DE DEUX FIXATIONS DE SECURITE POUR LES ECHELLES**
[72] PARK, BOBBY, GB
[71] PARK, BOBBY, GB
[22] 2017-03-30
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[25] FR
[54] **FALSE ROCK SURFACE PROCESS**
[54] **PROCEDE FAUSSE SURFACE ROCHEUSE**
[72] SIMARD, ALAIN, CA
[71] FONCTION DESIGN INC, CA
[22] 2017-03-30
[41] 2018-09-30

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[51] **Int.Cl. C10B 57/00 (2006.01)**
[25] EN
[54] **DECOKING PROCESS**
[54] **PROCEDE DE DECOKAGE**
[72] KOSELEK, MICHAEL, CA
[72] BENUM, LESLIE, CA
[72] SIMANZHENKOV, VASILY, CA
[72] FARAG, HANY, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-03-30
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[25] EN
[54] **METAL DETECTABLE POLYURETHANE FILM**
[54] **PELLICULE DE POLYURETHANE METALLIQUE DETECTABLE**
[72] HURST, STEPHEN, CA
[71] HURST, STEPHEN, CA
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[54] **A DISINFECTANT COMPOSITION WITH EXTENDED ANTIMICROBIAL EFFECTS**
[54] **UNE COMPOSITION DESINFECTANTE AYANT DES EFFETS ANTIMICROBIENS PROLONGES**
[72] LEA, PETER, CA
[72] BACIK, BRIAN, CA
[72] HASTIE, JEFF, CA
[71] SIAMONS INTERNATIONAL INC., CA
[22] 2017-03-30
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[51] **Int.Cl. H04L 12/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PAGE VIEW NAVIGATION SYSTEM AND INFORMATION NETWORK**
[54] **SYSTEME DE NAVIGATION DE VUE DE PAGE ET RESEAU D'INFORMATION**
[72] GRACE, MARK D., CA
[71] GRACE, MARK D., CA
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[51] **Int.Cl. G01N 21/89 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COLOR SCANNING A MOVING ARTICLE**
[54] **SYSTEME ET METHODE DE NUMERISATION COULEUR D'UN ARTICLE EN MOUVEMENT**
[72] LEGROS, YVON, CA
[72] GAGNON, RICHARD, CA
[71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
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[51] **Int.Cl. A01H 5/00 (2018.01) A01H 6/46 (2018.01) C07K 14/415 (2006.01) C12N 15/29 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CARBOHYDRATE PRODUCING PLANT MATERIAL**
[54] **MATERIAU DE PLANTE PRODUISANT UN HYDRATE DE CARBONE**
[72] SUN, CHUANXIN, SE
[71] SUN, CHUANXIN, SE
[22] 2017-03-31
[41] 2018-09-30

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[13] A1
[51] **Int.Cl. G08B 21/02 (2006.01)**
[25] EN
[54] **DEVICE FOR EARLY DETECTION OF CHILD ABDUCTION OR WANDERING**
[54] **DISPOSITIF DE DETECTION HATIVE D'ENLEVEMENT D'ENFANT OU DE VAGABONDAGE**
[72] SRINIVASAN, RAGHAV, CA
[71] SRINIVASAN, RAGHAV, CA
[22] 2017-03-30
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[21] **2,962,871**
[13] A1
[51] **Int.Cl. E06B 9/38 (2006.01)**
[25] EN
[54] **EXTENSIBLE/RETRACTABLE CURTAIN RAIL**
[54] **RAIL DE RIDEAU EXTENSIBLE/RETRACTABLE**
[72] CHOU, TSER WEN, US
[71] CHOU, TSER WEN, US
[22] 2017-03-31
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[13] A1
[51] **Int.Cl. A47J 31/60 (2006.01) A47J 31/06 (2006.01) B08B 3/08 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGE CONTAINING VINEGAR WETTING COTTON FOR DESCALING FLOW PASSAGES**
[54] **CARTOUCHE DE FILTRE RENFERMANT UN COTON MOUILLE DE VINAIGRE DESTINE A ENLEVER LE CALCAIRE DES PASSAGES D'ECOULEMENT**
[72] DOUGLAS, SHAUN, US
[72] DEPATIE, DANIEL, US
[71] DOUGLAS, SHAUN, US
[71] DEPATIE, DANIEL, US
[22] 2017-04-03
[41] 2018-10-03

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[13] A1
[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] FR
[54] **DEVICE INSIDE A HOCKEY STICK HANDLE**
[54] **DISPOSITIF A L'INTERIEUR D'UN MANCHE DE BATON DE HOCKEY**
[72] TREMBLAY, VINCENT, CA
[71] TREMBLAY, VINCENT, CA
[22] 2017-03-31
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[13] A1
[51] **Int.Cl. G06F 21/60 (2013.01) G06F 7/00 (2006.01)**
[25] EN
[54] **ANONYMIZATION OF SENSITIVE DATA FOR USE IN USER INTERFACES**
[54] **ANONYMISATION DE DONNEES SENSIBLES DESTINEE A DES INTERFACES UTILISATEUR**
[72] MAHONIN, JOSHUA CHRISTOPHER TYLER, CA
[72] CYZE, MICHAEL JOHN, CA
[72] ILES, MICHAEL, CA
[72] PILKINGTON, SHAUN, CA
[72] LAWRENCE, WESLEY, CA
[72] JOU, STEPHAN, CA
[71] INTERSET SOFTWARE, INC., CA
[22] 2017-03-31
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[51] **Int.Cl. G06F 11/30 (2006.01) G06F 9/46 (2006.01) G06F 15/16 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **DIAGNOSING SLOW TASKS IN DISTRIBUTED COMPUTING**
[54] **DIAGNOSTIC DE TACHES LENTES EN INFORMATIQUE DISTRIBUEE**
[72] LI, CONG, CN
[72] SHEN, HUANXING, CN
[72] HUANG, TAI, CN
[71] INTEL CORPORATION, US
[22] 2017-03-31
[41] 2018-09-30
[30] US (15/473,820) 2017-03-30

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[51] **Int.Cl. F03D 15/00 (2016.01)**
[25] FR
[54] **AREL WINDMILL**
[54] **EOLIENNE AREL**
[72] AREL, RICHARD, CA
[71] AREL, RICHARD, CA
[22] 2017-04-03
[41] 2018-10-03

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[51] **Int.Cl. B64C 11/18 (2006.01) B63H 1/26 (2006.01) B64C 11/24 (2006.01)**
[25] EN
[54] **CAVITY BLADE**
[54] **PALE A CAVITE**
[72] SALVADOR, VIDAL, CA
[71] SALVADOR, VIDAL, CA
[22] 2017-04-04
[41] 2018-10-04

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[13] A1
[51] **Int.Cl. H01R 13/713 (2006.01) H01H 45/00 (2006.01) H01R 13/533 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTORS FOR ZONE 2 HAZARDOUS LOCATIONS**
[54] **CONNECTEURS ELECTRIQUES POUR EMPLACEMENTS DANGEREUX DE ZONE 2**
[72] BULMER, JAMES H., CA
[72] MULLIN, CLETUS E., CA
[72] KRUKOWSKI, JEFFERY L., CA
[71] BULMER, JAMES H., CA
[71] MULLIN, CLETUS E., CA
[71] KRUKOWSKI, JEFFERY L., CA
[22] 2017-04-04
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[25] EN
[54] **POLY-GLUTAMINE ANDROGEN RECEPTOR KNOCK-IN ANIMAL MODELS, REAGENTS AND METHODS**
[54] **MODELES ANIMAUX D'INTRODUCTION DE RECEPTEUR D'ANDROGENE A POLYGLUTAMINE, REACTIFS ET METHODES**
[72] TRIFIRO, MARK, CA
[72] PALIOURAS, MILTIADIS, CA
[72] BEITEL, LENORE K., CA
[72] ALVARADO, CARLOS, CA
[71] TRIFIRO, MARK, CA
[71] PALIOURAS, MILTIADIS, CA
[71] BEITEL, LENORE K., CA
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[51] **Int.Cl. A47J 25/00 (2006.01)**
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[54] **APPLE CORE EXTRACTOR WITH CENTERING AND EJECTION MECHANISM**
[54] **EXTRACTEUR DE TROGNON DE POMME AVEC MECANISME DE CENTRAGE ET D'EJECTION**
[72] TREMBLAY, CHRISTIAN, CA
[71] TREMBLAY, CHRISTIAN, CA
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[51] **Int.Cl. B24D 15/08 (2006.01)**
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[54] **RETRACTABLE SHARPENER MOUNTABLE TO ANY SURFACE**
[54] **AIGUISOIR RETRACTABLE POUVANT ETRE FIXE A TOUTE SURFACE**
[72] TREMBLAY, CHRISTIAN, CA
[71] TREMBLAY, CHRISTIAN, CA
[22] 2017-04-04
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[51] **Int.Cl. A61F 13/505 (2006.01) A61F 13/15 (2006.01) A61F 13/49 (2006.01) A61F 13/56 (2006.01)**
[25] EN
[54] **MATERIAL SAVING CLOTHING**
[54] **VETEMENT ECONOMISEUR DE MATERIAU**
[72] KUO, SHIH-HUEY, CN
[71] CHEN, CHIEN-CHUNG, CN
[22] 2017-04-05
[41] 2018-10-05

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[51] **Int.Cl. A61B 5/22 (2006.01) A63B 21/002 (2006.01) A63B 24/00 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **ADAPTERS FOR USE WITH DYNAMOMETER FOR SUBJECTS HAVING LIMB IMPAIRMENT**
[54] **ADAPTATEURS POUR UTILISATION AVEC UN DYNAMOMETRE POUR DES SUJETS AYANT PERDU L'USAGE D'UN MEMBRE**
[72] KURUGANTI, USHA, CA
[72] CHESTER, VICTORIA, CA
[71] KURUGANTI, USHA, CA
[71] CHESTER, VICTORIA, CA
[22] 2017-04-05
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[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **REPAIRING A MODEL ASSOCIATED TO A SIMULATED INTERACTIVE OBJECT**
[54] **REPARATION D'UN MODELE ASSOCIE A UN OBJET INTERACTIF SIMULE**
[72] MYRAND-LAPIERRE, VINCENT, CA
[71] CAE INC., CA
[22] 2017-04-03
[41] 2018-09-30
[30] US (15/476,938) 2017-03-31

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[51] **Int.Cl. G09B 9/00 (2006.01) G06F 11/36 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **TROUBLESHOOTING A MODEL DEFINING A DYNAMIC BEHAVIOR OF A SIMULATED INTERACTIVE OBJECT**
[54] **DEPANNAGE D'UN MODELE DEFINISSANT UN COMPORTEMENT DYNAMIQUE D'OBJET INTERACTIF SIMULE**
[72] MYRAND-LAPIERRE, VINCENT, CA
[71] CAE INC., CA
[22] 2017-04-03
[41] 2018-09-30
[30] US (15/476,934) 2017-03-31

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[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/08 (2006.01)**
[25] EN
[54] **CONTINUOUS MONITORING OF A MODEL IN AN INTERACTIVE COMPUTER SIMULATION STATION**
[54] **SURVEILLANCE CONTINUE D'UN MODELE DANS UNE STATION DE SIMULATION INFORMATIQUE INTERACTIVE**
[72] MYRAND-LAPIERRE, VINCENT, CA
[71] CAE INC., CA
[22] 2017-04-03
[41] 2018-09-30
[30] US (15/476,943) 2017-03-31

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[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/52 (2006.01) C10G 1/04 (2006.01) E21B 43/22 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **USE OF OLEFINIC ESTER COMPOSITIONS IN OIL AND GAS FIELDS**
[54] **UTILISATION DE COMPOSITIONS D'ESTERS OLEFINIQUES DANS DES CHAMPS PETROLIERS ET GAZIERS**
[72] NGANTUNG, FREDERYK, US
[72] WEITKAMP, ROBIN, US
[72] KAUFMAN, PHILLIP, US
[71] ELEVANCE RENEWABLE SCIENCES, INC., US
[22] 2017-04-05
[41] 2018-10-04
[30] US (15/478,900) 2017-04-04

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[51] **Int.Cl. H02J 50/10 (2016.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **RECHARGING CARS POWERED BY ELECTRICITY WIRELESSLY AND WITHOUT CONNECTING WIRES, AT ANY SPEED NEEDED**
[54] **RECHARGE DE VOITURES A PROPULSION ELECTRIQUE SANS FIL ET SANS BRANCHEMENT DE FILS, A TOUTE VITESSE NECESSAIRE**
[72] AL AZZAWI, BURHAN B.A., CA
[71] AL AZZAWI, BURHAN B.A., CA
[22] 2017-04-05
[41] 2018-10-05

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[51] **Int.Cl. B01D 67/00 (2006.01) B01J 29/00 (2006.01) B32B 5/16 (2006.01) B32B 5/18 (2006.01) B32B 7/02 (2006.01) B32B 18/00 (2006.01) B32B 27/04 (2006.01) B32B 38/04 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF NANOPOROUS MEMBRANES FOR WATER PURIFICATION FROM METAL IONS AT LOW DIFFERENTIAL PRESSURES**
[54] **PROCEDE DE PRODUCTION DE MEMBRANES NANOPOREUSES POUR LA PURIFICATION DE L'EAU CONTRE LES IONS METALLIQUES A DE FAIBLES PRESSIONS DIFFERENTIELLES**
[72] FANCHINI, GIOVANNI, CA
[72] PARK, JAEWOO, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[22] 2017-04-06
[41] 2018-10-06

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[51] **Int.Cl. H04W 16/18 (2009.01) G01R 22/00 (2006.01)**
[25] FR
[54] **SIGNAL VERIFICATION FOR COMMUNICATING COMPUTERS**
[54] **VERIFICATION DE SIGNAL POUR LES COMPTEURS COMMUNICANTS**
[72] LEMIRE, ALEXANDRE, CA
[72] DUPONT, LOUIS, CA
[71] HYDRO-QUEBEC, CA
[22] 2017-04-06
[41] 2018-10-06

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[51] **Int.Cl. C10C 3/10 (2006.01) C10C 3/02 (2006.01)**
[25] EN
[54] **PARTIAL UPGRADING OF BITUMEN**
[54] **VALORISATION PARTIELLE DU BITUME**
[72] HUQ, IFTIKHAR, CA
[72] DE KLERK, ARNO, CA
[72] REDDY, PRABHAKAR, CA
[71] SUNCOR ENERGY INC., CA
[22] 2017-04-06
[41] 2018-10-06

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **THE METHOD OF THERMAL RESERVOIR STIMULATION**
[54] **PROCEDE DE STIMULATION DE RESERVOIR THERMIQUE**
[72] SUKHANOV, VLADIMIR, CA
[71] SUKHANOV, VLADIMIR, CA
[22] 2017-04-06
[41] 2018-10-06

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **THE METHOD OF THERMAL RESERVOIR STIMULATION**
[54] **PROCEDE DE STIMULATION DE RESERVOIR THERMIQUE**
[72] SUKHANOV, VLADIMIR, CA
[71] SUKHANOV, VLADIMIR, CA
[22] 2017-04-06
[41] 2018-10-06

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[51] **Int.Cl. A01B 15/16 (2006.01)**
[25] EN
[54] **DISC OPENER SCRAPER WITH INSERT FOR STRAW WRAP PREVENTION, WEAR REDUCTION AND SEED GUIDANCE, AND WELDED SLOT-POSITIONED WING MEMBER**
[54] **RACLOIR DE SEMOIR A DISQUE AVEC PIECE RAPPORTEE POUR EMPECHER L'ENROULEMENT DE LA PAILLE, REDUIRE L'USURE ET GUIDER LES SEMENCES, ET ELEMENT D'AILE SOUDE POSITIONNE DANS UNE FENTE**
[72] ARKSEY, DONALD, CA
[71] ATOM JET INDUSTRIES (2002) LTD., CA
[22] 2017-04-06
[41] 2018-10-06

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[13] A1
[51] **Int.Cl. B64C 29/00 (2006.01) B64C 27/26 (2006.01) B64C 27/30 (2006.01)**
[25] EN
[54] **VTOL HIGH SPEED ARICRAFT**
[54] **AERONEF ADAV A GRANDE VITESSE**
[72] UPTIGROVE, JOHN, CA
[71] UPTIGROVE, JOHN, CA
[22] 2017-04-06
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[13] A1
[51] **Int.Cl. A45B 9/00 (2006.01) A63B 57/60 (2015.01) A45B 7/00 (2006.01) A63B 53/00 (2015.01)**
[25] EN
[54] **WALKING STICK**
[54] **BATON DE MARCHE**
[72] UNKNOWN, ZZ
[71] COOMBS, GORDON J., CA
[22] 2017-04-06
[41] 2018-10-06

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[51] **Int.Cl. F16L 55/165 (2006.01) F16L 55/18 (2006.01)**
[25] EN
[54] **CIPP LINER FEED ROLLER**
[54] **ROULEAUX D'ALIMENTATION A GAINE DE CHEMISAGE CONTINU POLYMERISE EN PLACE**
[72] HOMRIGHAUS, JASON M., US
[72] STROM, BRANDON G., US
[72] STROM, GARY H., US
[71] SUBSURFACE, INC., US
[22] 2017-04-18
[41] 2018-10-06
[30] US (15480630) 2017-04-06

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[51] **Int.Cl. E06C 7/16 (2006.01)**
[25] EN
[54] **WORKING CAP SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CAPUCHON DE TRAVAIL**
[72] MORENO, JEZIEL RAMOS, MX
[72] MARTINEZ, CESAR REYNA, MX
[71] LOUISVILLE LADDER INC., US
[22] 2017-04-28
[41] 2018-10-05
[30] US (15/479,754) 2017-04-05

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[51] **Int.Cl. A47L 13/42 (2006.01) A47L 13/20 (2006.01) A47L 13/512 (2006.01) B25G 1/00 (2006.01)**
[25] EN
[54] **MOP ASSEMBLY**
[54] **ENSEMBLE VADROUILLE**
[72] SMITH, DAN, US
[72] FAIR, PAUL, US
[72] KUMMERFIELD, JAMIE, US
[71] BONA AB, SE
[22] 2017-05-04
[41] 2018-10-05
[30] US (15/479,651) 2017-04-05

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[51] **Int.Cl. B65D 43/08 (2006.01) B21D 19/12 (2006.01) B21D 22/06 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING AN IMPROVED DISPOSABLE LID**
[54] **PROCEDE DE FABRICATION D'UN COUVERCLE JETABLE AMELIORE**
[72] SARNOFF, BRAD, US
[72] PATEL, RAJ, US
[71] HFA, INC., US
[22] 2017-05-16
[41] 2018-10-05
[30] US (15/466,910) 2017-04-05

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[51] **Int.Cl. A01F 25/22 (2006.01) F26B 3/06 (2006.01) F26B 9/06 (2006.01) F26B 21/00 (2006.01)**
[25] EN
[54] **GRAIN AND CROP DRYING METHOD, SYSTEM, AND APPARATUS**
[54] **METHODE DE SECHAGE DU GRAIN ET DES PRODUITS DE RECOLTE, SYSTEME ET APPAREIL**
[72] BELL, PATRICK G., CA
[72] BECKIE, WILLIAM N., CA
[71] CONLEYMAX INC., CA
[22] 2017-05-26
[41] 2018-09-30
[30] US (62/480,013) 2017-03-31
[30] US (15/606,712) 2017-05-26

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[51] **Int.Cl. F28F 27/00 (2006.01) F28D 1/00 (2006.01) F28G 15/00 (2006.01)**
[25] EN
[54] **MONITORED HEAT EXCHANGER SYSTEM AND RELATED**
[54] **SYSTEME D'ECHANGEUR DE CHALEUR SURVEILLE ET ELEMENT CONNEXE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[72] RAJANI, HAMID REZA ZAREIE, CA
[72] LARIMI, SEYED REZA, CA
[72] ABBASI, MORTEZA, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-06-06
[41] 2018-10-02
[30] US (15/477,097) 2017-04-02
[30] US (15/591,076) 2017-05-09

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[51] **Int.Cl. F28F 9/00 (2006.01) E21B 43/26 (2006.01) F28F 9/22 (2006.01) F28G 15/00 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **IMPROVED HEAT EXCHANGER UNIT**
[54] **MODULE D'ECHANGEUR THERMIQUE AMELIORE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[72] RAJANI, HAMID REZA ZAREIE, CA
[72] LARIMI, SEYED REZA, CA
[72] ABBASI, MORTEZA, CA
[72] GODBOUT, DAN, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-06-23
[41] 2018-10-02
[30] US (15/477,097) 2017-04-02
[30] US (15/591,076) 2017-05-09
[30] US (15/629,563) 2017-06-21

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[25] EN
[54] **BELT CLEANER**
[54] **DISPOSITIF DE NETTOYAGE DE BANDES**
[72] UCHIDA, MASAHIRO, JP
[72] FUJISAKI, NOBUYOSHI, JP
[71] NIPPON TSUSHO KABUSHIKI KAISHA, JP
[22] 2017-09-14
[41] 2018-10-04
[30] JP (2017-074373) 2017-04-04

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[51] **Int.Cl. C01G 56/00 (2006.01) G21C 23/00 (2006.01)**
[25] EN
[54] **NUCLEAR REACTOR ASSEMBLIES, NUCLEAR REACTOR TARGET ASSEMBLIES, AND NUCLEAR REACTOR METHODS**
[54] **ASSEMBLAGES DE REACTEUR NUCLEAIRE, ASSEMBLAGES DE CIBLE DE REACTEUR NUCLEAIRE ET METHODES DESTINEES A UN REACTEUR NUCLEAIRE**
[72] KATALENICH, JEFFREY A., US
[72] REID, BRUCE D., US
[72] GATES, ROBERT O., US
[72] PRICHARD, ANDREW W., US
[72] SCHMITT, BRUCE E., US
[72] LIVINGSTON, JIM, US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2017-09-18
[41] 2018-09-30
[30] US (15/476,870) 2017-03-31

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[13] A1
[51] **Int.Cl. F28F 27/00 (2006.01) G01M 99/00 (2011.01) F01P 11/18 (2006.01) F28G 15/00 (2006.01) G01F 1/05 (2006.01) G01F 1/115 (2006.01) G06Q 10/00 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SENSOR ASSEMBLY FOR MONITORED HEAT EXCHANGER SYSTEM AND RELATED**
[54] **ENSEMBLE DE CAPTEUR DESTINE A UN SYSTEME D'ECHANGEUR DE CHALEUR SURVEILLE ET ELEMENT CONNEXE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VANBERG, RANDY, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] PENG, BOB, CA
[72] RAJANI, HAMID REZA ZAREIE, CA
[72] LARIMI, SEYED REZA, CA
[72] ABBASI, MORTEZA, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-09-20
[41] 2018-10-02
[30] US (15/477,097) 2017-04-02
[30] US (15/591,076) 2017-05-09
[30] US (15/705,024) 2017-09-14

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[51] **Int.Cl. F16G 11/12 (2006.01) B60P 7/08 (2006.01) B60P 7/135 (2006.01) B66F 3/16 (2006.01)**
[25] EN
[54] **TENSIONING DEVICE**
[54] **APPAREIL DE MISE SOUS TENSION**
[72] MAHAFFEY, JAY L., US
[71] PACIFIC STATES MANUFACTURING, INC., US
[22] 2017-09-22
[41] 2018-10-02
[30] US (15/477,107) 2017-04-02

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[51] **Int.Cl. H04N 21/47 (2011.01) H04N 21/2743 (2011.01) H04N 21/2747 (2011.01) H04N 21/414 (2011.01) H04N 21/84 (2011.01)**
[25] EN
[54] **METHODS, APPARATUS AND SYSTEMS FOR EXCHANGE OF VIDEO CONTENT**
[54] **METHODES, APPAREILS ET SYSTEMES D'ECHANGE DE CONTENU VIDEO**
[72] SHEN, PAUL, US
[72] MCEWEN, MATTHEW RICHARD, US
[72] YAO, SHIWEN, US
[71] TVU NETWORKS CORPORATION, US
[22] 2017-11-21
[41] 2018-09-30
[30] US (15/475,284) 2017-03-31

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[13] A1
[51] **Int.Cl. G01S 19/21 (2010.01) G01S 19/07 (2010.01) G01S 19/22 (2010.01) G01S 3/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING AZIMUTH OF A SOURCE OF AN INTERFERING SIGNAL USING A BEAM STEERING ANTENNA**
[54] **SYSTEME ET METHODE DE DETERMINATION D'AZIMUT D'UNE SOURCE D'UN SIGNAL D'INTERFERENCE AU MOYEN D'UNE ANTENNE D'ORIENTATION DU FAISCEAU**
[72] ELLUM, CAMERON, CA
[72] MORLEY, THOMAS, CA
[72] ALVES, PAUL, CA
[71] NOVATEL INC., CA
[22] 2017-11-23
[41] 2018-10-03
[30] US (15/477,804) 2017-04-03

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[13] A1
[51] **Int.Cl. G01C 21/18 (2006.01) G01S 19/47 (2010.01)**
[25] EN
[54] **A NAVIGATION SYSTEM UTILIZING YAW RATE CONSTRAINT DURING INERTIAL DEAD RECKONING**
[54] **SYSTEME DE NAVIGATION UTILISANT UNE CONTRAINTE DE VITESSE DE LACET DURANT L'ESTIME INERTIELLE**
[72] BOBYE, MICHAEL, CA
[71] NOVATEL INC., CA
[22] 2017-11-23
[41] 2018-10-05
[30] US (15/479,875) 2017-04-05

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[51] **Int.Cl. E02D 29/14 (2006.01) B29C 63/02 (2006.01)**
[25] EN
[54] **MANHOLE BASE LINER AND METHOD FOR MANUFACTURING A MANHOLE BASE LINER**
[54] **REVETEMENT DE BASE DE TROU D'HOMME ET METHODE DE FABRICATION D'UN REVETEMENT DE BASE DE TROU D'HOMME**
[72] PREDL, MANFRED, DE
[71] PREDL GMBH, DE
[22] 2017-12-06
[41] 2018-09-30
[30] AT (A 50257/2017) 2017-03-31

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[51] **Int.Cl. B66C 1/44 (2006.01) B25B 5/16 (2006.01) F16B 2/14 (2006.01)**
[25] EN
[54] **CLAMPING DEVICE WITH METAL CORES**
[54] **DISPOSITIF DE SERRAGE A AMES METALLIQUES**
[72] NGUYEN, HOA NHON, AU
[71] NGUYEN, HOA NHON, AU
[22] 2017-12-12
[41] 2018-10-05
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[51] **Int.Cl. A63H 3/00 (2006.01) A63H 3/36 (2006.01)**
[25] EN
[54] **TRANSFORMABLE TOY**
[54] **JOUET TRANSFORMABLE**
[72] BOOKER STRAUSS, IVY, HK
[71] JAY AT PLAY INTERNATIONAL HONG KONG LIMITED D/B/A JAY AT PLAY, HK
[22] 2017-12-18
[41] 2018-10-03
[30] US (15/477,908) 2017-04-03

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[13] A1
[51] **Int.Cl. E04B 1/19 (2006.01) E04F 13/08 (2006.01) E04F 19/00 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A THREE-DIMENSIONAL STRUCTURE HAVING RIGID WALL PANELS**
[54] **METHODE DE FORMATION D'UNE STRUCTURE TRIDIMENSIONNELLE COMPORTANT DES PANNEAUX MURAUX RIGIDES**
[72] MACDONALD, ROBERT B., CA
[72] MACDONALD, PHILIP A., CA
[72] WILLIAMS, ALEXANDER K., CA
[72] HOY, JONATHAN W., CA
[71] EXTERIOR WALL SYSTEMS LIMITED, CA
[22] 2017-12-19
[41] 2018-10-03
[30] US (15/838,903) 2017-12-12
[30] US (62/480,611) 2017-04-03

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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 60/00 (2015.01) A63B 69/36 (2006.01) A63B 69/38 (2006.01)**
[25] EN
[54] **EXIT SPEED GENERATOR**
[54] **GENERATEUR A VITESSE DE SORTIE**
[72] KEOUGH, BRETT JEFFERY LONNY, CA
[72] ELLSWORTH, JEFFERY REGINALD LEROY, CA
[71] EXIT SPEED INC., CA
[22] 2017-12-28
[41] 2018-10-04
[30] US (62/481312) 2017-04-04

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[13] A1
[51] **Int.Cl. B64D 37/32 (2006.01) B64D 31/06 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **DETECTION OF UNCOMMANDED AND UNCONTROLLABLE HIGH THRUST EVENTS**
[54] **DETECTION D'EVENEMENTS DE POUSSEE ELEVEE NON COMMANDES ET INCONTROLABLES**
[72] SYED, YUSUF, CA
[72] KRYNSKI, MICHAEL, CA
[72] SHENOUDA, ANTWAN, CA
[72] GIROUX, FREDERIC, CA
[72] SABAU, IOAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-18
[41] 2018-09-30
[30] US (15/476,271) 2017-03-31

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[13] A1
[51] **Int.Cl. C22B 1/06 (2006.01) C22B 30/04 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR METAL RECOVERY FROM ARSENICAL BEARING SULFIDES ORES**
[54] **METHODE ET SYSTEME DE RECUPERATION DU METAL DE MINERAIS SULFURES RENFERMANT DE L'ARSENIC**
[72] LALANCETTE, JEAN-MARC, CA
[72] LEMIEUX, DAVID, CA
[72] BARBAROUX, ROMAIN, CA
[72] GARCIA-CURIEL, GABRIEL, CA
[72] NASRALLAH, KHALIL, CA
[71] DUNDEE, TECHNOLOGIES DURABLES INC., CA
[22] 2018-01-19
[41] 2018-09-30
[30] US (62/478,836) 2017-03-30

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[51] **Int.Cl. F16C 7/00 (2006.01) B29C 70/24 (2006.01) B64C 13/30 (2006.01) E04B 1/38 (2006.01) E04C 5/00 (2006.01) F16B 1/00 (2006.01) F16C 7/02 (2006.01) F16S 3/00 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURAL COMPONENT WITH TENSION/COMPRESSION MECHANICAL JOINT**
[54] **COMPOSANTE STRUCTURELLE COMPOSITE DOTEE D'UN JOINT MECANIQUE DE TENSION/COMPRESSION**
[72] BEALE, TOM, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-01-22
[41] 2018-09-30
[30] EP (17164437.0) 2017-03-31

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[51] **Int.Cl. F17C 1/02 (2006.01) F17C 1/06 (2006.01) F17C 1/16 (2006.01)**
[25] EN
[54] **PRESSURE VESSELS**
[54] **RECIPIENTS SOUS PRESSION**
[72] BERNARD, JAMES, GB
[72] PETHICK, JON, GB
[72] CHASE, IAN, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-01-22
[41] 2018-09-30
[30] EP (17164436.2) 2017-03-31

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[13] A1
[51] **Int.Cl. G05B 19/19 (2006.01) B33Y 10/00 (2015.01) B22F 3/105 (2006.01) B26D 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATIC CREATION OF CUTTING PATHS IN INTERIOR SPACE OF THREE-DIMENSIONAL SHAPED PRODUCT**
[54] **PROCEDE DE CREATION AUTOMATIQUE DE TRAJECTOIRES DE COUPE DANS UN ESPACE INTERIEUR D'UN PRODUIT TRIDIMENSIONNEL**
[72] TARUMI, SATORU, JP
[72] KOBAYASHI, JUN, JP
[71] MATSUURA MACHINERY CORPORATION, JP
[22] 2018-01-24
[41] 2018-10-05
[30] JP (2017-152521) 2017-08-07

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[51] **Int.Cl. B64D 13/00 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **AIR DISTRIBUTION SYSTEM AND METHOD FOR AN AIR CONDITIONING SYSTEM IN AN AIR VEHICLE**
[54] **SYSTEME ET METHODE DE DISTRIBUTION D'AIR DESTINES A UN SYSTEME DE CONDITIONNEMENT DE L'AIR DANS UN VEHICULE AERIEN**
[72] CARDEN, ANNIKA E., US
[72] BOGGS, ROYAL E., US
[72] HLAVKA, BRIAN D., US
[72] SHELL, SIDNEY D., US
[71] THE BOEING COMPANY, US
[22] 2018-01-29
[41] 2018-09-30
[30] US (15/476491) 2017-03-31

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[13] A1
[51] **Int.Cl. B29C 70/72 (2006.01) C08J 5/04 (2006.01) F16S 5/00 (2006.01)**
[25] EN
[54] **COMPOSITE END CONNECTIONS**
[54] **RACCORDS D'EXTREMITE EN COMPOSITE**
[72] BERNARD, JAMES, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-01-29
[41] 2018-09-30
[30] EP (17164427.1) 2017-03-31

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[13] A1
[51] **Int.Cl. B29C 70/68 (2006.01) F16S 5/00 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **COMPOSITE STRUCTURAL COMPONENT WITH CAPTIVE MECHANICAL JOINT**
[54] **COMPOSANTE STRUCTURELLE COMPOSITE DOTEE D'UN JOINT MECANIQUE CAPTIF**
[72] BEALE, TOM, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-01-29
[41] 2018-09-30
[30] EP (17164438.8) 2017-03-31

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[13] A1
[51] **Int.Cl. E05B 9/00 (2006.01) E05B 9/08 (2006.01)**
[25] EN
[54] **DOOR WITH DOOR FITTING**
[54] **PORTE AVEC FERRURE DE PORTE**
[72] UKA, FATOS, DE
[72] KARCHER, ISABEL, DE
[72] KARCHER, JAN, DE
[71] KARCHER GMBH, DE
[22] 2018-02-02
[41] 2018-10-06
[30] US (15/481089) 2017-04-06

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[13] A1
[51] **Int.Cl. F16D 1/06 (2006.01) F16C 3/02 (2006.01)**
[25] EN
[54] **COMPOSITE SHAFT**
[54] **ARBRE EN COMPOSITE**
[72] BERNARD, JAMES, GB
[72] PETHICK, JON, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-02-05
[41] 2018-09-30
[30] EP (17164410.7) 2017-03-31

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[13] A1
[51] **Int.Cl. B64C 3/38 (2006.01) B64C 1/26 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **MOVABLE WING FOR WEIGHT AND BALANCE MANAGEMENT**
[54] **AILE MOBILE SERVANT A LA GESTION DU POIDS ET DE L'EQUILIBRE**
[72] GRUBB, MATTHEW, US
[72] KUNZ, PETER J., US
[72] GOODRICH, WAYNE D., US
[71] INSITU, INC., US
[22] 2018-02-05
[41] 2018-09-30
[30] US (15/473,908) 2017-03-30

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[21] **2,994,136**
[13] A1
[51] **Int.Cl. B65D 71/16 (2006.01) B65D 71/30 (2006.01)**
[25] EN
[54] **CLIP-IN CARRIER PACKAGE FOR BEVERAGE CANS**
[54] **EMBALLAGE DE TRANSPORT A PINCE DESTINE A DES CONTENANTS DE BOISSON**
[72] ST-LAURENT, MARC, CA
[72] BERUBE, JEROME, CA
[72] SINGH, STERLING ANDY, CA
[71] CASCADES CANADA ULC, CA
[22] 2018-02-07
[41] 2018-10-03
[30] US (62/480,861) 2017-04-03

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[21] **2,994,314**
[13] A1
[51] **Int.Cl. B29C 70/24 (2006.01)**
[25] EN
[54] **COMPOSITE SHAFT**
[54] **ARBRE EN COMPOSITE**
[72] POLLITT, WILL, GB
[72] WRAGG, ANDREW, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2018-02-07
[41] 2018-09-30
[30] EP (17164414.9) 2017-03-31

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[21] **2,995,072**
[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01)**
[25] EN
[54] **COMPOSITE PART AND METHOD FOR MAKING COMPOSITE PART**
[54] **PIECE COMPOSITE ET PROCEDE DE FABRICATION DE PIECE COMPOSITE**
[72] SUNDQUIST, DAVID J., US
[72] LONGINETTE, JOHN P., US
[71] THE BOEING COMPANY, US
[22] 2018-02-13
[41] 2018-10-04
[30] US (15/478611) 2017-04-04

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[21] **2,995,217**
[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) B64D 41/00 (2006.01) F02C 7/00 (2006.01) F02C 7/36 (2006.01) F16H 35/18 (2006.01) H02J 15/00 (2006.01) H02K 1/27 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **ENGINE SHAFT INTEGRATED MOTOR**
[54] **MOTEUR A ARBRE INTEGRE**
[72] DUCE, JEFFREY LYNN, US
[72] KARNOFSKI, KENT E., US
[72] OEHLER, STEPHEN D., US
[71] THE BOEING COMPANY, US
[22] 2018-02-14
[41] 2018-09-30
[30] US (15/475,935) 2017-03-31

[21] **2,995,966**
[13] A1
[51] **Int.Cl. A41D 19/015 (2006.01) A41D 13/08 (2006.01)**
[25] EN
[54] **PROTECTIVE GLOVES FOR USE WITH NAIL GUNS, STAPLE GUNS AND THE LIKE**
[54] **GANTS PROTECTEURS DESTINES AUX PISTOLETS A CLOUS, FUSILS A AGRAFES ET AUTRES SEMBLABLES**
[72] BRIERLEY, WILLIAM, CA
[72] GRUENER, JAMES, US
[71] SUPERIOR GLOVE WORKS LIMITED, CA
[22] 2018-02-22
[41] 2018-10-03
[30] US (62/481,115) 2017-04-03

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[21] **2,996,152**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **INTEGRATED REMOTE CHOKE SYSTEM**
[54] **SYSTEME D'ETRANGLEUR DISTANT INTEGRE**
[72] PEYREGNE, JOEY, US
[72] KEITH, ADAM, US
[72] NOWAK, ROMAN, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-02-23
[41] 2018-09-30
[30] US (15/475,042) 2017-03-30

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[21] **2,996,153**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **INTEGRATED REMOTE CHOKE SYSTEM CONTROL ARCHITECTURE**
[54] **ARCHITECTURE DE CONTROLE DE SYSTEME D'ETRANGLEUR DISTANT INTEGRE**
[72] PEYREGNE, JOEY, US
[72] KEITH, ADAM, US
[72] BOONE, SCOTT, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-02-23
[41] 2018-09-30
[30] US (15/475,055) 2017-03-30

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[21] **2,996,577**
[13] A1
[51] **Int.Cl. D01D 5/12 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING SPUNBONDS FROM ENDLESS FILAMENTS**
[54] **DISPOSITIF DE PRODUCTION DE LIENS PAR CABLAGE A PARTIR DE FILAMENTS SANS FIN**
[72] FREY, DETLEF, DE
[72] NEUENHOFER, MARTIN, DE
[72] SOMMER, SEBASTIAN, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2018-02-26
[41] 2018-09-30
[30] EP (17164368.7) 2017-03-31

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[21] **2,996,606**
[13] A1
[51] **Int.Cl. B29C 45/20 (2006.01)**
[25] EN
[54] **INSERT FOR USE IN AN INJECTION MOLDING NOZZLE AND INJECTION MOLDING NOZZLE WITH SUCH AN INSERT**
[54] **PIECE RAPPORTEE POUR UTILISATION DANS UNE BUSE DE MOULAGE PAR INJECTION ET BUSE DE MOULAGE PAR INJECTION DOTEE D'UNE TELLE PIECE**
[72] GUNTHER, HERBERT, DE
[72] SOMMER, SIEGRID, DE
[72] SCHNELL, TORSTEN, DE
[71] GUNTHER HEISSKANALTECHNIK GMBH, DE
[22] 2018-02-26
[41] 2018-10-06
[30] DE (DE 10 2017 107 443 0) 2017-04-06

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[21] **2,996,810**
[13] A1
[51] **Int.Cl. B64D 29/06 (2006.01) B32B 3/06 (2006.01) B32B 3/08 (2006.01) B64C 7/02 (2006.01) B64D 33/00 (2006.01) F01D 21/14 (2006.01) F01D 25/00 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE FAN BLADE CONTAINMENT SYSTEMS**
[54] **SYSTEMES DE CONFINEMENT D'AUBE DE VENTILATEUR DE TURBINE A GAZ**
[72] FRACCHIA, CARLOS ANGELO, US
[72] JOST, KAREN M., US
[72] HIGGINS, MARK DAVID, US
[72] HARPER, COLLEEN M., US
[71] THE BOEING COMPANY, US
[22] 2018-02-27
[41] 2018-09-30
[30] US (15/476,038) 2017-03-31

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[21] **2,997,055**
[13] A1
[51] **Int.Cl. B64D 45/04 (2006.01) B64D 43/00 (2006.01)**
[25] EN
[54] **VERTICAL LANDING VEHICLE, SITUATIONAL AWARENESS SYSTEM, AND METHOD THEREOF**
[54] **VEHICULE A ATTERRISSAGE VERTICAL, SYSTEME DE CONNAISSANCE DE LA SITUATION ET PROCEDE ASSOCIE**
[72] LIEBERMAN, ERIC, US
[72] BLANTON, WILLIAM BRENDAN, US
[71] THE BOEING COMPANY, US
[22] 2018-02-28
[41] 2018-10-06
[30] US (15/480927) 2017-04-06

[21] **2,997,082**
[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) B32B 15/14 (2006.01) F01D 21/04 (2006.01) F02C 7/05 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE FAN BLADE CONTAINMENT SYSTEMS**
[54] **SYSTEMES DE CONFINEMENT D'AUBE DE VENTILATEUR DE TURBINE A GAZ**
[72] FRACCHIA, CARLOS ANGELO, US
[72] JOST, KAREN M., US
[72] HIGGINS, MARK DAVID, US
[72] HARPER, COLLEEN M., US
[72] MILTENBERGER, DAVID, US
[71] THE BOEING COMPANY, US
[22] 2018-02-28
[41] 2018-09-30
[30] US (15/476027) 2017-03-31

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[21] **2,997,139**
[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) F02C 7/00 (2006.01) F16H 35/18 (2006.01) H02N 2/12 (2006.01)**
[25] EN
[54] **PIEZO-ELECTRIC MOTOR FOR BOWED ROTOR MITIGATION**
[54] **MOTEUR PIEZOELECTRIQUE DESTINE A ATTENUER UN ROTOR COURBE**
[72] JACKOWSKI, JASON J., US
[72] KARNOFSKI, KENT E., US
[71] THE BOEING COMPANY, US
[22] 2018-03-01
[41] 2018-09-30
[30] US (15/475855) 2017-03-31

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[21] **2,997,295**
[13] A1
[51] **Int.Cl. B60N 3/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR DRINK CONTAINER**
[54] **APPAREIL DESTINE A UN CONTENANT DE BOISSON**
[72] ADAMS, DWAYNE LEE, CA
[71] ADAMS, DWAYNE LEE, CA
[22] 2018-03-05
[41] 2018-10-03
[30] US (15/477,421) 2017-04-03

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[21] **2,997,307**
[13] A1
[51] **Int.Cl. B25F 1/04 (2006.01) B25F 1/02 (2006.01) B26B 11/00 (2006.01)**
[25] EN
[54] **UTILITY TOOL**
[54] **OUTIL UTILITAIRE**
[72] ENGUITA, STEVEN E., US
[71] ENGUITA, STEVEN E., US
[22] 2018-03-05
[41] 2018-10-04
[30] US (15/479,267) 2017-04-04

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[21] **2,997,356**
[13] A1
[51] **Int.Cl. E04F 13/24 (2006.01) E04F 13/072 (2006.01)**
[25] EN
[54] **MASONRY SUPPORT**
[54] **SUPPORT DE MACONNERIE**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2018-03-05
[41] 2018-10-04
[30] US (15/478915) 2017-04-04

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[21] **2,997,434**
[13] A1
[51] **Int.Cl. E05C 17/36 (2006.01)**
[25] EN
[54] **DOORLOCK SAFETY CHAIN RELEASE MECHANISM**
[54] **MECANISME DE DEGAGEMENT DE CHAINE DE SECURITE DE VERROU DE PORTE**
[72] O'KANE, PATRICK ROBERT, CA
[71] O'KANE, PATRICK ROBERT, CA
[22] 2018-03-06
[41] 2018-10-03
[30] US (62/601,804) 2017-04-03

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[21] **2,997,454**
[13] A1
[51] **Int.Cl. A01K 63/00 (2017.01)**
[25] EN
[54] **AQUARIUM AND NON-DISRUPTIVE FILTRATION SYSTEM**
[54] **AQUARIUM ET SYSTEME DE FILTRATION NON PERTURBANT**
[72] WATSON, JEFFREY STOCKER, US
[72] CHATTIN, GARY STEVEN, US
[72] BEILKE, LISA, US
[71] PETSMART HOME OFFICE, INC., US
[22] 2018-03-06
[41] 2018-09-30
[30] US (15/476,026) 2017-03-31

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[21] **2,997,468**
[13] A1
[51] **Int.Cl. A01K 63/04 (2006.01) A01K 63/00 (2017.01) B01D 35/02 (2006.01)**
[25] EN
[54] **AQUARIUM AND NON-DISRUPTIVE FILTRATION SYSTEM**
[54] **AQUARIUM ET SYSTEME DE FILTRATION NON PERTURBANT**
[72] WATSON, JEFFREY STOCKER, US
[72] CHATTIN, GARY STEVEN, US
[72] BEILKE, LISA, US
[71] PETSMART HOME OFFICE, INC., US
[22] 2018-03-06
[41] 2018-09-30
[30] US (15/475,921) 2017-03-31

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[21] **2,997,488**
[13] A1
[51] **Int.Cl. D04H 3/16 (2006.01) C08J 5/00 (2006.01) D01D 5/12 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING SPUNBONDS FROM ENDLESS FILAMENTS**
[54] **DISPOSITIF DE PRODUCTION DE LIENS PAR CABLAGE A PARTIR DE FILAMENTS SANS FIN**
[72] FREY, DETLEF, DE
[72] NEUENHOFER, MARTIN, DE
[72] SOMMER, SEBASTIAN, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2018-03-06
[41] 2018-09-30
[30] EP (17 164 375.2) 2017-03-31

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[21] **2,997,705**
[13] A1
[51] **Int.Cl. F41A 21/30 (2006.01) F41A 21/28 (2006.01)**
[25] EN
[54] **MULTI-BAFFLED FIREARM SUPPRESSOR**
[54] **SILENCIEUX D'ARME A FEU A ECRANS MULTIPLES**
[72] PETERSEN, BYRON, US
[71] DELTA P DESIGN, INC., US
[22] 2018-03-07
[41] 2018-10-06
[30] US (62/482,621) 2017-04-06
[30] US (15/904,218) 2018-02-23

[21] **2,998,068**
[13] A1
[51] **Int.Cl. A01G 7/00 (2006.01) A01B 1/02 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **GARDENING DEVICE FOR SOIL CULTIVATION AND SOWING OR PLANTING METHOD WITH THE HELP OF SUCH A GARDENING DEVICE**
[54] **APPAREIL DE JARDINAGE DESTINE A LA CULTURE DU SOL ET METHODE DE SEMENCE OU PLANTATION A L'AIDE D'UN TEL APPAREIL DE JARDINAGE**
[72] BINDHAMMER, MARKUS, DE
[71] SCHEPPACH FABRIKATION VON HOLZBEARBEITUNGSMASCHINEN GMBH, DE
[22] 2018-03-14
[41] 2018-09-30
[30] EP (17020129.7) 2017-03-31

[21] **2,998,229**
[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F16H 35/18 (2006.01)**
[25] EN
[54] **ENGINE TURNING MOTOR VIA PNEUMATIC OR HYDRAULIC MOTOR**
[54] **MOTEUR TOURNANT AU MOYEN D'UN MOTEUR PNEUMATIQUE OU HYDRAULIQUE**
[72] KARNOFSKI, KENT E., US
[72] JASKLOWSKI, CHRIS T., US
[72] JACKOWSKI, JASON J., US
[71] THE BOEING COMPANY, US
[22] 2018-03-15
[41] 2018-09-30
[30] US (15/475890) 2017-03-31

[21] **2,998,586**
[13] A1
[51] **Int.Cl. A61M 1/38 (2006.01) A61K 38/36 (2006.01) A61K 38/38 (2006.01) A61K 38/48 (2006.01) A61K 38/57 (2006.01) A61K 39/395 (2006.01) A61M 1/36 (2006.01) A61M 5/142 (2006.01) A61M 1/18 (2006.01)**
[25] EN
[54] **DEVICE FOR THERAPEUTIC PLASMA EXCHANGE**
[54] **DISPOSITIF D'ECHANGE DE PLASMA THERAPEUTIQUE**
[72] ROURA FERNANDEZ, CARLOS, ES
[72] ROURA SALIETTI, CARLOS, ES
[72] PAEZ REGADERA, ANTONIO MANUEL, ES
[71] GRIFOLS WORLDWIDE OPERATIONS LIMITED, IE
[22] 2018-03-19
[41] 2018-09-30
[30] ES (201700336) 2017-03-30

[21] **2,998,588**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) A63B 69/00 (2006.01) E04B 2/74 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **SIMULATOR FOR TRAINING IN ENVIRONMENTS CONFINED AND / OR SUSPECTED OF POLLUTION**
[54] **SIMULATEUR D'ENTRAINEMENT DANS LES ENVIRONNEMENTS CONFINES OU SOUPCONNES D'ETRE POLLUES**
[72] DI DONATO, LUCIANO, IT
[71] ISTITUTO NAZIONALE PER L'ASSICURAZIONE CONTRO GLI INFORTUNI SUL LAVORO - INAIL, IT
[22] 2018-03-19
[41] 2018-09-30
[30] IT (10 2017 000035950) 2017-03-31

[21] **2,998,624**
[13] A1
[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/26 (2012.01) E21B 7/04 (2006.01) E21B 44/00 (2006.01) E21B 47/12 (2012.01) G01V 5/04 (2006.01)**
[25] EN
[54] **BINNING DURING NON-ROTATION DRILLING IN A WELLBORE**
[54] **COMPARTIMENTAGE PENDANT LE FORAGE SANS ROTATION DANS UN TROU DE FORAGE**
[72] VIENS, CHRISTOPHER, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-03-20
[41] 2018-10-03
[30] US (15/477552) 2017-04-03

[21] **2,998,656**
[13] A1
[51] **Int.Cl. E04C 5/20 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE METAL SPACER FOR INTERCONNECTING ADJACENT ELONGATED STRUCTURAL MEMBERS AND METHOD OF USE**
[54] **ESPACEUR METALLIQUE AJUSTABLE DESTINE A L'INTERCONNEXION D'ELEMENTS STRUCTURELS ALLONGES ADJACENTS ET METHODE D'UTILISATION**
[72] ST-JEAN, DENIS, CA
[71] ST-JEAN, DENIS, CA
[22] 2018-03-21
[41] 2018-10-02

[21] **2,998,816**
[13] A1
[51] **Int.Cl. H04B 3/56 (2006.01) B64D 41/00 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **TRANSMISSION ARRANGEMENT FOR TRANSMITTING DATA WITHIN AN AIRCRAFT, AND AIRCRAFT**
[54] **DISPOSITION DE TRANSMISSION SERVANT A TRANSMETTRE DES DONNEES DANS UN AERONEF, ET AERONEF**
[72] KORNEK-PERCIN, BEATRICE, DE
[72] WOLK, GOTZ, DE
[72] GASTEL, SVEN, DE
[72] PLUCZINSKI, OLIVER, DE
[72] PETERSEN, BENNO, DE
[71] DIEHL AEROSPACE GMBH, DE
[22] 2018-03-21
[41] 2018-09-30
[30] DE (102017003137.1) 2017-03-31

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[21] **2,998,817**
[13] A1
[51] **Int.Cl. B64C 13/00 (2006.01) G01S 13/74 (2006.01)**
[25] EN
[54] **AIRCRAFT SLAT AND FLAP CONTROL WITH RADIO FREQUENCY IDENTIFICATION TAGS**
[54] **CONTROLE DE BEC DE BORD D'ATTAQUE ET DE VOLET HYPERSUSTENSEUR D'AERONEF AU MOYEN DE BALISE D'IDENTIFICATION PAR RADIOFREQUENCE**
[72] ANKNEY, DARRELL E., US
[72] CRANDALL, ADAM, US
[72] PILGRIM, DAVID L., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
[22] 2018-03-20
[41] 2018-09-30
[30] US (15/476,669) 2017-03-31

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[21] **2,998,887**
[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **EQUIPMENT DAMAGE PREDICTION SYSTEM**
[54] **SYSTEME DE PREDICTION DE DOMMAGE A UN EQUIPEMENT**
[72] LIM, SER NAM, US
[72] JAIN, ARPIT, US
[72] DIWINSKY, DAVID, US
[72] BONDUGULA, SRAVANTHI, US
[72] LIN, YEN-LIANG, US
[72] BIAN, XIAO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-03-22
[41] 2018-10-03
[30] US (15/477,517) 2017-04-03

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[21] **2,998,931**
[13] A1
[51] **Int.Cl. B64D 27/24 (2006.01) B64D 27/00 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **ELECTRIC PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION ELECTRIQUE DESTINE A UN AERONEF**
[72] MILLER, BRANDON WAYNE, US
[72] VONDRELL, RANDY M., US
[72] MARRINAN, PATRICK MICHAEL, US
[72] GEMIN, PAUL ROBERT, US
[72] MOORE, NICHOLAS TAYLOR, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-03-22
[41] 2018-09-30
[30] US (15/475,401) 2017-03-31

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[21] **2,998,932**
[13] A1
[51] **Int.Cl. B61G 7/04 (2006.01)**
[25] EN
[54] **UNCOUPLING LEVER FOR RAIL CAR WITH BIASING MEMBER**
[54] **LEVIER DE DESACCOUPLEMENT DE WAGON DOTE D'UN ELEMENT D'INCLINAISON**
[72] MAKI, BRIAN, US
[71] IRECO, LLC, US
[22] 2018-03-22
[41] 2018-09-30
[30] US (15/475,372) 2017-03-31

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[21] **2,998,937**
[13] A1
[51] **Int.Cl. G06T 7/20 (2017.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **OPTICAL FLOW DETERMINATION SYSTEM**
[54] **SYSTEME DE DETERMINATION DE FLUX OPTIQUE**
[72] LIM, SER NAM, US
[72] KABA, MUSTAFA DEVRIM, US
[72] UZUNBAS, MUSTAFA, US
[72] DIWINSKY, DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-03-22
[41] 2018-10-04
[30] US (15/478,784) 2017-04-04

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[21] **2,999,014**
[13] A1
[51] **Int.Cl. H02H 3/00 (2006.01) H01H 71/04 (2006.01) H02H 3/04 (2006.01)**
[25] EN
[54] **ELECTRONIC PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION ELECTRONIQUE**
[72] BUTTI, AGOSTINO, IT
[72] CURRA', ANTONIO, IT
[72] COZZI, VITTORIO, IT
[71] ABB SCHWEIZ AG, CH
[22] 2018-03-23
[41] 2018-10-04
[30] EP (17164785.2) 2017-04-04

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[21] **2,999,015**
[13] A1
[51] **Int.Cl. H02H 3/00 (2006.01) H01H 83/00 (2006.01) H02H 3/05 (2006.01)**
[25] EN
[54] **ELECTRONIC PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION ELECTRONIQUE**
[72] BUTTI, AGOSTINO, IT
[72] CURRA', ANTONIO, IT
[72] COZZI, VITTORIO, IT
[71] ABB SCHWEIZ AG, CH
[22] 2018-03-23
[41] 2018-10-04
[30] EP (17164776.1) 2017-04-04

[21] **2,999,087**
[13] A1
[51] **Int.Cl. E21B 44/02 (2006.01) E21B 44/00 (2006.01) E21B 44/04 (2006.01) E21B 47/00 (2012.01) E21B 47/06 (2012.01)**
[25] EN
[54] **SURFACE CONTROL SYSTEM ADAPTIVE DOWNHOLE WEIGHT ON BIT/TORQUE ON BIT ESTIMATION AND UTILIZATION**
[54] **POIDS DE FOND DE TROU ADAPTATIF SUR LE TREPAN A SYSTEME DE COMMANDE DE SURFACE/ESTIMATION ET UTILISATION DU COUPLE SUR LE TREPAN**
[72] HADI, MAHMOUD, US
[72] WHITE, MATTHEW, US
[72] GAJIC, BOSKO, US
[72] GROOVER, AUSTIN, US
[72] ANNAIYAPPA, PRADEEP, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-03-23
[41] 2018-10-04
[30] US (15/478265) 2017-04-04

[21] **2,999,157**
[13] A1
[51] **Int.Cl. G01V 1/133 (2006.01) G01V 1/52 (2006.01)**
[25] EN
[54] **A FLUID PRESSURE WAVEFORM GENERATOR AND METHODS OF ITS USE**
[54] **UN GENERATEUR DE FORME D'ONDE DE PRESSION DE FLUIDE ET METHODES D'UTILISATION ASSOCIEES**
[72] MAYOR, TERENCE PAUL, GB
[72] BOTTING, PHILIP, GB
[71] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[22] 2018-03-22
[41] 2018-09-30
[30] GB (1705193.9) 2017-03-31

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **MODULAR FRACTURING PAD STRUCTURE**
[54] **STRUCTURE DE COUSSIN DE FRACTURATION MODULAIRE**
[72] COOK, JAMES, US
[71] FMC TECHNOLOGIES, INC., US
[22] 2018-03-23
[41] 2018-10-03
[30] US (62/480,822) 2017-04-03

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[51] **Int.Cl. B25J 1/04 (2006.01) A45F 5/10 (2006.01) B65D 23/00 (2006.01)**
[25] EN
[54] **BOTTLE TRANSFER APPARATUS**
[54] **APPAREIL DE TRANSFERT DE BOUTEILLE**
[72] BELAND, GERARD, CA
[71] BELAND, GERARD, CA
[22] 2018-03-26
[41] 2018-10-02
[30] US (62480481) 2017-04-02

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[51] **Int.Cl. B67D 7/06 (2010.01) B67D 7/04 (2010.01) B67D 7/54 (2010.01)**
[25] EN
[54] **LOADING SYSTEM AND METHOD OF USE THEREOF**
[54] **SYSTEME DE CHARGEMENT ET METHODE D'UTILISATION ASSOCIEE**
[72] ROSKA, CLAYTON, CA
[72] WEISER, DUANE E., CA
[72] KOWALYK, RONALD M., CA
[72] NESOM, GREGORY T., CA
[72] QUACKENBUSH, TERRY W., CA
[72] ROWLAND, CLINTON K., CA
[72] EIDT, THOMAS D., CA
[72] GITZEL, KELLY M., CA
[72] MARTIN, CONNOR J., CA
[72] MOORE, CURTIS A., CA
[72] LAFOND, STEPHEN M., CA
[71] ROSKA DBO INC., CA
[22] 2018-03-27
[41] 2018-09-30
[30] US (62479912) 2017-03-31

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[25] EN
[54] **TOPICAL COMPOSITIONS COMPRISING RETINOIDS AND LOW IRRITATION POLYMERIC CLEANSING AGENTS**
[54] **COMPOSITIONS TOPIQUES RENFERMANT DES RETINOIDES ET AGENTS NETTOYANTS POLYMERIQUES PEU IRRITANTS**
[72] CHANG, MICHAEL, US
[72] FEVOLA, MICHAEL JAMES, US
[72] KAUR, SIMARNA, US
[72] FASSIH, ALI, US
[72] SOUTHALL, MICHAEL D., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[30] US (15/475565) 2017-03-31

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[25] EN
[54] **WIREFORM CLIP FOR USE WITH SUPPLY VALVES**
[54] **PINCE EN FIL DESTINEE A DES VANNES D'ALIMENTATION**
[72] ZHANG, KAI, US
[72] LORKOWSKI, AARON, US
[72] BROWN, KENNETH, US
[71] OATEY CO., US
[22] 2018-03-27
[41] 2018-10-03
[30] US (62/480690) 2017-04-03
[30] US (15/933946) 2018-03-23

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[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING THE PRESENCE OF A TRAIN ON A RAILWAY TRACK**
[54] **SYSTEME ET METHODE DE DETECTION DE LA PRESENCE D'UN TRAIN SUR UNE VOIE FERREE**
[72] LANTERI, GIOVANNI, IT
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2018-03-26
[41] 2018-09-30
[30] EP (17 305 372.9) 2017-03-30

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[51] **Int.Cl. B07B 1/22 (2006.01) B03B 9/02 (2006.01) B07B 1/56 (2006.01)**
[25] EN
[54] **AN OLEOPHILIC SIEVE SEPARATION APPARATUS**
[54] **UN APPAREIL DE SEPARATION PAR TAMIS OLEOPHILE**
[72] KRUYER, JAN, CA
[71] KRUYER, JAN, CA
[22] 2018-03-27
[41] 2018-09-30
[30] CA (2963200) 2017-03-31

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[51] **Int.Cl. A61K 47/30 (2006.01) A61K 8/67 (2006.01) A61K 8/72 (2006.01) A61K 8/73 (2006.01) A61K 8/81 (2006.01) A61K 31/07 (2006.01) A61K 47/32 (2006.01) A61K 47/36 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **METHODS OF IMPROVING THE ACTIVITY OF RETINOIDS**
[54] **METHODE D'AMELIORATION DE L'ACTIVITE DES RETINOIDES**
[72] FEVOLA, MICHAEL JAMES, US
[72] KAUR,SIMARNA, US
[72] SOUTHALL, MICHAEL D., US
[72] FASSIH, ALI, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[30] US (15/475516) 2017-03-31

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[13] A1
[51] **Int.Cl. B61D 7/02 (2006.01) B61D 7/18 (2006.01) B61D 7/24 (2006.01)**
[25] EN
[54] **MECHANISM FOR LONGITUDINAL DOOR SYSTEMS**
[54] **MECANISME DESTINE AUX SYSTEMES DE PORTE LONGITUDINALE**
[72] REITZ, LEE A., US
[72] HUCK, KENNETH W., US
[71] TRINITY RAIL GROUP, LLC, US
[22] 2018-03-28
[41] 2018-09-30
[30] US (62/479,004) 2017-03-30

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[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01)**
[25] EN
[54] **CAST-IN-PLACE ANCHORS**
[54] **ANCRAGES A COULER SUR PLACE**
[72] SCHRAMM, BENJAMIN, DE
[71] BLACK & DECKER INC., US
[22] 2018-03-28
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[30] EP (17164320.8) 2017-03-31

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[13] A1
[51] **Int.Cl. G07D 5/00 (2006.01)**
[25] EN
[54] **GAMING CHIP AND MANAGEMENT SYSTEM**
[54] **PUCE DE JEU ET SYSTEME DE GESTION**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[22] 2018-03-28
[41] 2018-09-30
[30] JP (2017-070704) 2017-03-31

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[51] **Int.Cl. G01N 27/62 (2006.01) F23D 14/72 (2006.01) F23N 5/24 (2006.01) F27D 21/00 (2006.01)**
[25] EN
[54] **REMOTE FLAME SENSING SYSTEM**
[54] **SYSTEME DE DETECTION DE FLAMME A DISTANCE**
[72] BZOWSKI, ORI ADAM, CA
[71] BZOWSKI, ORI ADAM, CA
[22] 2018-03-28
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[30] US (15/474,491) 2017-03-30

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[13] A1
[51] **Int.Cl. B26B 1/08 (2006.01)**
[25] EN
[54] **CUTTING HAND TOOL**
[54] **OUTIL MANUEL DE COUPE**
[72] LANDWEHR, THOMAS J., US
[71] LANDWEHR, THOMAS J., US
[22] 2018-03-28
[41] 2018-09-30
[30] US (15/475288) 2017-03-31

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[25] EN
[54] **TISSUE CONDUCTION VELOCITY**
[54] **VELOCITE DE CONDUCTION DE TISSUS**
[72] BOTZER, LIOR, IL
[72] BEN-DOR, AMIR, IL
[72] CHMIEL, YORAM, IL
[72] TURGEMAN, AHARON, IL
[72] MIZRAHI, LIRON SHMUEL, IL
[72] SALOMON, NOGA, IL
[72] GIVATY, GALIA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[41] 2018-10-03
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[51] **Int.Cl. B26B 1/08 (2006.01)**
[25] EN
[54] **HAND CUTTER WITH A RETRACTABLE BLADE**
[54] **COUTEAU MANUEL DOTE D'UNE LAME RETRACTABLE**
[72] LANDWEHR, THOMAS J., US
[71] LANDWEHR, THOMAS J., US
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[51] **Int.Cl. A62D 1/02 (2006.01)**
[25] EN
[54] **LIGHT-WEIGHT, FIRE-RESISTANT COMPOSITION AND ASSEMBLY**
[54] **COMPOSITION IGNIFUGE LEGERE ET ASSEMBLAGE**
[72] MABEY, MICHAEL JOHN, CA
[71] MABEY, MICHAEL JOHN, CA
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[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **BALLOON CATHETER WITH LARGE AREA ELECTRODES**
[54] **CATHETER BALLON DOTE D'ELECTRODES GRANDE SURFACE**
[72] GOVARI, ASSAF, IL
[72] BEECKLER, CHRISTOPHER THOMAS, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. B29C 73/16 (2006.01) B60C 99/00 (2006.01)**
[25] EN
[54] **PNEUMATIC TIRE REPAIR AND INFLATION DEVICE**
[54] **APPAREIL DE REPARATION ET GONFLAGE DE PNEU**
[72] KUNZELMAN, TOBY, US
[72] HEMME, JOEL, US
[71] PLEWS, INC., US
[22] 2018-03-29
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[25] EN
[54] **DOWNHOLE STEERING CONTROL APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE COMMANDE DE DIRECTION DE FOND DE TROU**
[72] HADI, MAHMOUD, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-03-29
[41] 2018-10-04
[30] US (15/478724) 2017-04-04

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[51] **Int.Cl. B60P 3/035 (2006.01) B60P 1/48 (2006.01)**
[25] EN
[54] **HYDRAULIC TRUCK BED REEL LIFT APPARATUS**
[54] **APPAREIL DE LEVAGE A TAMBOUR DE PLATEFORME DE CAMION HYDRAULIQUE**
[72] RUSSELL, JAY R., US
[72] STRATHMAN, EDWIN J., US
[72] ACKERMAN, GALEN R., US
[71] TRIPLE C MANUFACTURING, INC., US
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[41] 2018-09-30
[30] US (62/478,666) 2017-03-30
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[51] **Int.Cl. E02D 29/12 (2006.01)**
[25] EN
[54] **HEIGHT ADJUSTMENT MECHANISM FOR A MANHOLE ASSEMBLY AND MANHOLE ASSEMBLY COMPRISING THE SAME**
[54] **MECANISME D'AJUSTEMENT DE HAUTEUR DESTINE A UN ENSEMBLE DE TROU D'HOMME ET ENSEMBLE DE TROU D'HOMME COMPORTANT LEDIT MECANISME**
[72] BRIEN, TREVOR, CA
[71] BRIEN, TREVOR, CA
[22] 2018-03-29
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[51] **Int.Cl. B23Q 1/25 (2006.01) B23Q 1/44 (2006.01)**
[25] EN
[54] **GANTRY TABLE WITH ADJUSTABLE RAILS**
[54] **TABLE DE PORTIQUE A RAILS AJUSTABLES**
[72] TINSLEY, SHERAMIE, US
[71] LINCOLN GLOBAL, INC., US
[22] 2018-03-29
[41] 2018-09-30
[30] US (62/479,447) 2017-03-31
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[51] **Int.Cl. A46B 15/00 (2006.01) A46B 5/00 (2006.01) A61C 15/00 (2006.01)**
[25] EN
[54] **INTERDENTAL TOOTHBRUSH**
[54] **BROSSE A DENTS INTERDENTAIRE**
[72] ZHANG, ZHAOQIANG, CN
[72] JONES, CHARLES, GB
[72] GALE, FIONA, GB
[72] SPOOR, TRAVIS MICHAEL, US
[72] LANVERS, ANDREAS PAUL, DE
[71] RANIR, LLC, US
[22] 2018-03-29
[41] 2018-10-04
[30] US (62/481,255) 2017-04-04

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[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/00 (2016.01) A61B 1/04 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **METHOD TO PROJECT A TWO DIMENSIONAL IMAGE/PHOTO ONTO A 3D RECONSTRUCTION, SUCH AS AN EPICARDIAL VIEW OF HEART**
[54] **METHODE PERMETTANT DE PROJETER UNE IMAGE/PHOTO EN DEUX DIMENSIONS SUR UNE RECONSTRUCTION 3D, COMME LA VUE EPICARDIAQUE DU COEUR**
[72] HAYAM, GAL, IL
[72] KATZ, NATAN SHARON, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. A61B 8/12 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01) A61B 5/042 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **BALLOON CATHETER WITH ULTRASONIC TRANSDUCERS**
[54] **CATHETER BALLON DOTE DE TRANSDUCTEURS ULTRASONIQUES**
[72] GOVARI, ASSAF, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. B26F 1/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE PUNCH BODY ASSEMBLY**
[54] **UNITE POINCON REGLABLE**
[72] DRIES, EDWARD A., US
[72] TAUSCHER, JEFFREY, US
[71] AMADA TOOL AMERICA, INC., US
[22] 2018-04-03
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[51] **Int.Cl. B26F 1/14 (2006.01)**
[25] EN
[54] **ADJUSTABLE PUNCH HEAD ASSEMBLY**
[54] **UNITE POINCON REGLABLE**
[72] DRIES, EDWARD A., US
[72] TAUSCHER, JEFFREY, US
[71] AMADA TOOL AMERICA, INC., US
[22] 2018-04-03
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[51] **Int.Cl. H04M 3/22 (2006.01) G06F 17/27 (2006.01) G06Q 10/00 (2012.01) G10L 15/26 (2006.01) H04M 3/51 (2006.01)**
[25] EN
[54] **CONTEXT SENSITIVE RULE-BASED ALERTS FOR FRAUD MONITORING**
[54] **ALERTES A BASE DE REGLES SENSIBLES AU CONTEXTE POUR LA SURVEILLANCE DE LA FRAUDE**
[72] HARDY, LYLE, US
[71] TELEPERFORMANCE SE, FR
[22] 2018-03-29
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[51] **Int.Cl. H05B 37/02 (2006.01) H01L 31/12 (2006.01) H03K 17/13 (2006.01)**
[25] EN
[54] **DIMMER SWITCH SYSTEM WITH SECONDARY SWITCH**
[54] **SYSTEME DE GRADATEUR DOTE D'UN INTERRUPTEUR SECONDAIRE**
[72] ZHONG, KEVIN, CN
[72] MURAHARI, SAIVARAPRASAD, US
[72] EL-GAYYAR, AHMED, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-03-29
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[51] **Int.Cl. E04F 21/18 (2006.01)**
[25] EN
[54] **TILE LAYING DEVICE USING TILTABLE WHEELED FRAME**
[54] **APPAREIL DE POSE DE CARREAU EMPLOYANT UNE STRUCTURE ROULANTE INCLINABLE**
[72] NACCARATO, GIOVANNI, CA
[71] NACCARATO, GIOVANNI, CA
[22] 2018-03-29
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[51] **Int.Cl. A23L 33/12 (2016.01) A23L 33/115 (2016.01) A23L 33/20 (2016.01) A23D 7/00 (2006.01) A23D 9/00 (2006.01) A23F 3/14 (2006.01) A23F 3/30 (2006.01) A23F 5/40 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING MEDIUM CHAIN TRIGLYCERIDES**
[54] **COMPOSITIONS RENFERMANT DES TRIGLYCERIDES A CHAINE MOYENNE**
[72] SOMMERFELD, AUDREY, US
[72] WITHERLY, STEVEN, US
[72] WITHERLY, CAROLINE, US
[71] JUMP NATURAL INC., CA
[22] 2018-03-29
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[51] **Int.Cl. B65F 1/06 (2006.01)**
[25] EN
[54] **OUTDOOR GARBAGE RECEPTABLE BAG HOLDER**
[54] **SUPPORT DE SAC DE RECIPIENT DE DECHETS DESTINE A L'EXTERIEUR**
[72] RANA, SEAN, CA
[71] RANA, SEAN, CA
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[41] 2018-10-01
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[25] EN
[54] **FRACTURING MANIFOLD ALIGNMENT SYSTEMS**
[54] **SYSTEMES D'ALIGNEMENT DE COLLECTEUR DE FRACTURATION**
[72] COOK, JAMES, US
[72] TAYLOR, JUSTIN, US
[71] FMC TECHNOLOGIES, INC., US
[22] 2018-03-29
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[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **PERIMETER LIGHT BLOCKOUT SYSTEM**
[54] **SYSTEME DE BLOCAGE D'ECLAIRAGE DE PERIMETRE**
[72] FOLEY, PATRICK E, US
[72] JOSEPHSON, PAUL, US
[72] SCHWANDT, MARK, US
[72] CLARK, DONALD J, US
[72] COLSON, WENDELL B, US
[72] SWISZCZ, PAUL G, US
[72] WISECUP, STEPHEN T, US
[72] MADDEN, BEN, US
[72] BOULD, FRED, US
[72] HON, KWAN, US
[72] CHEUNG, ANSON, US
[72] LEE, BYRON, US
[71] HUNTER DOUGLAS INC., US
[22] 2018-03-29
[41] 2018-09-30
[30] US (62/622,990) 2018-01-29
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[51] **Int.Cl. F25B 6/02 (2006.01) F24F 11/83 (2018.01) F24F 13/30 (2006.01) F25B 5/02 (2006.01) F25B 39/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PART-LOAD OPTIMIZED REFRIGERATION SYSTEM WITH INTEGRATED INTERTWINED ROW SPLIT CONDENSER COIL**
[54] **PROCEDE ET APPAREIL POUR SYSTEME DE REFRIGERATION OPTIMISE A CHARGE PARTIELLE AVEC SERPENTIN DE CONDENSEUR DIVISE A RANGEES IMBRIQUEES INTEGRE**
[72] DAVIS, WALTER, II, US
[72] CLARA, COLIN, US
[72] PEREZ, ERIC, US
[72] CHANTHALANGSY, ERIC, US
[71] LENNOX INDUSTRIES INC., US
[22] 2018-03-29
[41] 2018-10-05
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[51] **Int.Cl. F04D 29/58 (2006.01) F04D 29/046 (2006.01) F04D 29/06 (2006.01) F16C 37/00 (2006.01)**
[25] EN
[54] **SELF CONTAINED BEARING BOX COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT DE BOITE DE PALIER AUTONOME**
[72] ALLBRITTEN, BRIAN R., US
[72] LINRUD, CHRISTOPHER L., US
[71] SUNDYNE, LLC, US
[22] 2018-03-29
[41] 2018-10-05
[30] US (15/480,045) 2017-04-05

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[13] A1
[51] **Int.Cl. C12Q 1/6888 (2018.01) C12Q 1/6813 (2018.01) C12Q 1/6844 (2018.01) C07H 21/04 (2006.01)**
[25] EN
[54] **ASSAY FOR THE DIAGNOSIS OF DERMATOPHYTOSIS**
[54] **TEST DIAGNOSTIC DE LA DERMATOPHYTOSE**
[72] HARDER, MELANIE, DE
[72] GRAESER, YVONNE, DE
[72] KUPSCH, CHRISTIANE, DE
[72] CAVALAR, MARKUS, DE
[71] EUROIMMUN MEDIZINISCHE LABORDIAGNOSTIKA AG, DE
[22] 2018-03-29
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[25] EN
[54] **WIND TURBINE AND METHOD FOR OPERATING A WIND TURBINE**
[54] **EOLIENNE ET METHODE D'EXPLOITATION D'UNE EOLIENNE**
[72] STOLTENBERG, HENNING, DE
[71] SENVION GMBH, DE
[22] 2018-03-29
[41] 2018-09-30
[30] DE (10 2017 003 220.3) 2017-03-30

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[51] **Int.Cl. E21B 33/03 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **WELL ISOLATION UNIT**
[54] **MODULE D'ISOLATION DE PUITS**
[72] COOK, JAMES, US
[71] FMC TECHNOLOGIES, INC., US
[22] 2018-03-29
[41] 2018-10-03
[30] US (62/480,831) 2017-04-03

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[13] A1
[51] **Int.Cl. F16B 2/08 (2006.01) F01N 13/00 (2010.01) F16B 43/02 (2006.01) F16L 21/06 (2006.01) F16L 25/04 (2006.01) F16L 33/04 (2006.01)**
[25] EN
[54] **CLAMP**
[54] **PINCE**
[72] COWHAM, GREGORY S., US
[72] KOZAL, MICHAEL D., US
[72] GOVEAS, MATTHEWS, US
[72] BOSTWICK, DANIEL J., US
[72] WOJTAS, PETE R., US
[72] HAM, CHAD D., US
[71] PRIDGEON & CLAY, INC., US
[22] 2018-03-29
[41] 2018-10-03
[30] US (15/477,146) 2017-04-03

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[13] A1
[51] **Int.Cl. A62B 17/00 (2006.01) A41D 13/00 (2006.01) A41D 27/00 (2006.01) A41F 1/00 (2006.01)**
[25] EN
[54] **HOOK AND DEE FOR FIREFIGHTER PROTECTIVE COATS**
[54] **CROCHET ET MANILLE DESTINES A DES MANTEAUX DE PROTECTION DE POMPIER**
[72] BARBEAU, CLAUDE, CA
[72] ST-ARNEAULT, ERIC, CA
[71] INNOTEX INC., CA
[22] 2018-03-29
[41] 2018-09-30
[30] US (62/479,677) 2017-03-31

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[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] FR
[54] **TREATMENT PROCESS FOR DATA BY A PAYMENT TERMINAL, CORRESPONDING PAYMENT TERMINAL AND PROGRAM**
[54] **PROCEDE DE TRAITEMENT DE DONNEES PAR UN TERMINAL DE PAIEMENT, TERMINAL DE PAIEMENT ET PROGRAMME CORRESPONDANT**
[72] PAVAGEAU, STEPHANE, FR
[72] DEVORNIQUE, ROGER, FR
[71] INGENICO GROUP, FR
[22] 2018-03-29
[41] 2018-09-30
[30] FR (1752779) 2017-03-31

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[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 28/00 (2006.01) E21B 29/00 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE ACTUATION TOOL AND METHOD OF USE**
[54] **OUTIL D'ACTIVATION A PRESSION DIFFERENTIELLE ET METHODE D'UTILISATION**
[72] CAMPBELL, JOSHUA REID, CA
[72] FAY, CHRISTIAN, CA
[71] ANDERSON, CHARLES ABERNETHY, CA
[22] 2018-04-03
[41] 2018-10-03
[30] US (62/480,751) 2017-04-03

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[13] A1
[51] **Int.Cl. B62K 19/02 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE LIGHT WEIGHT VEHICLE FRAME**
[54] **CHASSIS DE VEHICULE LEGER HAUT RENDEMENT**
[72] TIMAN, DAVID J., CA
[71] TIMBERWOLF CYCLES INC., CA
[22] 2018-03-29
[41] 2018-09-30
[30] US (62/479,618) 2017-03-31

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[13] A1
[51] **Int.Cl. B23Q 17/22 (2006.01) B25J 9/18 (2006.01) B25J 19/02 (2006.01)**
[25] EN
[54] **POSITION ESTIMATION METHOD AND HOLDING METHOD**
[54] **METHODE D'ESTIMATION DE POSITION ET METHODE DE MAINTIEN**
[72] ISHIZUKA, YASUTAKA, JP
[72] KAICHI, YUYA, JP
[72] MURAOKA, KOTARO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2018-04-03
[41] 2018-09-30
[30] JP (2017-067242) 2017-03-30

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[13] A1
[51] **Int.Cl. B66F 9/08 (2006.01)**
[25] EN
[54] **EXTENDABLE MAST SYSTEMS AND METHODS FOR A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES DE MAT EXTENSIBLE ET METHODES DESTINEES A UN VEHICULE DE MANUTENTION DE MATERIAU**
[72] HOWE, DAVID B., US
[71] THE RAYMOND CORPORATION, US
[22] 2018-04-03
[41] 2018-09-30
[30] US (62/478,989) 2017-03-30

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[51] **Int.Cl. E01F 9/669 (2016.01) E04G 21/32 (2006.01) E04H 17/14 (2006.01)**
[25] EN
[54] **RECONFIGURABLE STANCHION AND GUARDRAIL SYSTEM**
[54] **COLONNETTE RECONFIGURABLE ET SYSTEME DE GLISSIERE DE SECURITE**
[72] GENTILE, ANTHONY JOSEPH, CA
[71] NORTHWINDS DESIGN INC., CA
[22] 2018-04-03
[41] 2018-10-03
[30] US (62480623) 2017-04-03

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[13] A1
[51] **Int.Cl. G10G 1/00 (2006.01) G06F 19/00 (2018.01) H04L 12/28 (2006.01)**
[25] EN
[54] **ELECTRONIC MUSICAL SCORE APPARATUS**
[54] **APPAREIL DE PARTITION MUSICALE ELECTRONIQUE**
[72] NOGUCHI, FUJIO, JP
[72] TADANO, JUNICHI, JP
[72] NAKADA, SHUHEI, JP
[71] TERRADA MUSIC SCORE CO., LTD., JP
[71] VAIO CORPORATION, JP
[22] 2018-04-03
[41] 2018-10-04
[30] JP (2017-074817) 2017-04-04

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[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61J 15/00 (2006.01)**
[25] EN
[54] **ENTERAL FEEDING CONNECTOR**
[54] **RACCORD D'ALIMENTATION PAR VOIE ENTERALE**
[72] KNIGHT, THOMAS F., US
[71] CODAN US CORPORATION, US
[22] 2018-04-03
[41] 2018-09-30
[30] US (62/480,165) 2017-03-31

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[51] **Int.Cl. F28F 27/00 (2006.01) F24F 1/14 (2011.01) F24F 11/87 (2018.01) F24F 11/00 (2018.01) F25B 39/04 (2006.01) F25B 49/02 (2006.01) F28C 1/14 (2006.01) F28F 25/02 (2006.01)**
[25] EN
[54] **PULSING ADIABATIC GAS COOLER**
[54] **REFROIDISSEUR DE GAZ ADIABATIQUE PULSE**
[72] NAJAFIFARD, FARDIS, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2018-04-03
[41] 2018-10-03
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[13] A1
[51] **Int.Cl. H05B 6/02 (2006.01) F27D 11/06 (2006.01) H02M 7/5387 (2007.01) H05B 6/04 (2006.01) H05B 6/06 (2006.01) H05B 6/42 (2006.01)**
[25] EN
[54] **HIGH POWER SWITCHING DEVICES FOR INDUCTIVE HEATING APPLICATIONS**
[54] **DISPOSITIFS DE COMMUTATION HAUTE PUISSANCE POUR APPLICATIONS DE CHAUFFAGE PAR INDUCTION**
[72] JONES, FRANKLIN B., US
[72] DONAHUE, ERIC D., US
[72] NEHRING, ANDREW L., US
[72] JONES, DANIEL T., US
[72] HUMMEL, ROBERT A., US
[71] ATSE, LLC, US
[22] 2018-04-03
[41] 2018-10-04
[30] US (62/481,443) 2017-04-04

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[13] A1
[51] **Int.Cl. A62C 37/36 (2006.01) G08B 17/06 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **WIRELESS FIRE-PROTECTION SYSTEM**
[54] **SYSTEME ANTI-INCENDIE SANS FIL**
[72] KITTERMAN, CODY, US
[72] VANDERWEL, LOUIS, US
[71] CEASE FIRE, LLC, US
[22] 2018-04-03
[41] 2018-10-03
[30] US (62/480,836) 2017-04-03
[30] US (15/943,454) 2018-04-02

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[13] A1
[51] **Int.Cl. G06K 9/36 (2006.01) G06K 9/40 (2006.01) G06T 3/00 (2006.01)**
[25] FR
[54] **ANALYSIS PROCESS FOR A STRUCTURE DOCUMENT CAPABLE OF BEING DEFORMED**
[54] **PROCEDE D'ANALYSE D'UN DOCUMENT STRUCTURE SUSCEPTIBLE D'ETRE DEFORME**
[72] DURA, JEREMY NICOLAS LAURENT, FR
[72] ROSTAING, LAURENT PATRICE, FR
[72] ROUH, ALAIN, FR
[71] IDEMIA IDENTITY & SECURITY FRANCE, FR
[22] 2018-03-29
[41] 2018-09-30
[30] FR (17/52725) 2017-03-30

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[13] A1
[51] **Int.Cl. E21B 31/107 (2006.01)**
[25] EN
[54] **PRESSURE ACTUATED JARRING DEVICE FOR USE IN A WELLBORE**
[54] **APPAREIL DE CUVE ACTIVE PAR PRESSION DESTINE A UNE UTILISATION DANS UN TROU DE FORAGE**
[72] BAUDOIN, TOBY SCOTT, US
[71] KLX ENERGY SERVICES LLC, US
[22] 2018-04-03
[41] 2018-09-30
[30] US (62/480,135) 2017-03-31

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[13] A1
[51] **Int.Cl. G06F 21/56 (2013.01) G06N 3/02 (2006.01) G06N 3/04 (2006.01) H04L 12/22 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CYBERBOT NETWORK DETECTION**
[54] **SYSTEMES ET METHODES DE DETECTION DE RESEAU CYBERBOTIQUE**
[72] AMIRI, ASHKAN, CA
[72] CROLL, BRYCE, CA
[72] FONG, CORY, CA
[72] SETHURAJAN, ATHINTHRA KRISHNASWAMY, CA
[72] YADAV, VIKASH, CA
[72] CHIANG, SYLVESTER KING CHUN, CA
[72] QIN, ZHENGYI, CA
[72] SMYTH, CATHAL, CA
[72] LUI, YIK CHAU, CA
[72] CAO, YANSHUAI, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2018-04-03
[41] 2018-10-03
[30] US (62/480,856) 2017-04-03
[30] US (62/546,108) 2017-08-16

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[13] A1
[51] **Int.Cl. B26B 29/02 (2006.01) B26B 3/00 (2006.01)**
[25] EN
[54] **DUAL HEAD AND GUARD KNIFE**
[54] **COUTEAU AVEC GARDE A DOUBLE TETE**
[72] VOTOLATO, EARL, US
[72] BURKES, RYAN, US
[71] SPELLBOUND DEVELOPMENT GROUP, INC., US
[22] 2018-04-03
[41] 2018-09-30
[30] US (62/479,642) 2017-03-31
[30] US (62/486,870) 2017-04-18

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[13] A1
[51] **Int.Cl. F16M 13/00 (2006.01) A47K 10/04 (2006.01) A47K 10/12 (2006.01)**
[25] EN
[54] **MAGNETIC CLEAT FOR ACCESSORY HUB**
[54] **CLAVETTE MAGNETIQUE DE MOYEU D'ACCESSOIRE**
[72] GARCIA, ROBERTO, US
[72] VAN LEYEN, JAN, US
[71] SPECTRUM BRANDS, INC., US
[22] 2018-04-03
[41] 2018-10-03
[30] US (62/480,872) 2017-04-03
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[13] A1
[51] **Int.Cl. B65D 1/34 (2006.01) A21B 3/00 (2006.01) A21B 3/15 (2006.01) A21C 15/00 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **BAKERY TRAY ASSEMBLY**
[54] **ENSEMBLE DE PLATEAU DE BOULANGERIE-PATISSERIE**
[72] CLARK, SUZANNE WHITFIELD, US
[72] HASSELL, JON P., US
[72] KALINOWSKI, DANE GIN MUN, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2018-04-03
[41] 2018-10-03
[30] US (62/480,957) 2017-04-03

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 41/00 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING SYSTEM AND METHOD FOR OPTIMIZING OPERATION THEREOF**
[54] **SYSTEME DE FRACTURATION HYDRAULIQUE ET PROCEDE PERMETTANT D'EN OPTIMISER LE FONCTIONNEMENT**
[72] ZHANG, YANCHAI, US
[72] DANDIBHOTLA, VENKATA, US
[72] DUST, MAURICE, US
[71] CATERPILLAR INC., US
[22] 2018-04-04
[41] 2018-10-06
[30] US (15/481074) 2017-04-06

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[51] **Int.Cl. B65D 43/03 (2006.01) B31B 50/00 (2017.01) B65D 1/16 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **CONTAINER AND METHOD OF FABRICATION THEREOF**
[54] **CONTENANT ET PROCEDE DE FABRICATION ASSOCIE**
[72] MERCIER, STEPHANE, CA
[72] DEL ROSARIO ROY, DAISY, CA
[71] IPL INC., CA
[22] 2018-04-03
[41] 2018-10-05
[30] US (62,481,872) 2017-04-05

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[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) A62C 3/08 (2006.01) B01D 53/22 (2006.01) B64D 37/32 (2006.01)**
[25] FR
[54] **INERTING SYSTEM AND PROCESS FOR GENERATING INERTING GAS IN AN AIRCRAFT, OPERATING WITHOUT USING OUTSIDE AIR**
[54] **SYSTEME D'INERTAGE ET PROCEDE DE GENERATION D'UN GAZ D'INERTAGE DANS UN AERONEF, FONCTIONNANT SANS PRELEVEMENT D'AIR EXTERIEUR**
[72] MAILHET, PIERRICK, FR
[72] TONG-YETTE, FREDERIC, FR
[71] ZODIAC AEROTECHNICS, FR
[22] 2018-04-04
[41] 2018-10-05
[30] FR (1752936) 2017-04-05

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS AND MACHINE READABLE PROGRAMS FOR VALUE CHAIN ANALYTICS**
[54] **SYSTEMES, PROCEDES ET PROGRAMMES LISIBLES PAR MACHINE POUR CHAINE DE VALEURS ANALYTIQUES**
[72] HOFFMANN, HELLA-FRANZISKA, GB
[72] TSAR, DANIELLA, GB
[72] HAPUARACHCHI, THARINDI, GB
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[22] 2018-04-04
[41] 2018-10-05
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[13] A1
[51] **Int.Cl. A01N 31/02 (2006.01) A01N 25/30 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **GLYCEROL ETHER-BASED ANTIMICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIMICROBIENNES A BASE D'ETHER DE GLYCEROL**
[72] AHMADPOUR, FARAZ, CA
[71] VIROX TECHNOLOGIES INC., CA
[22] 2018-04-04
[41] 2018-10-04
[30] US (62/481154) 2017-04-04

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) F24F 11/56 (2018.01) F24F 11/62 (2018.01) F24D 19/10 (2006.01) F24H 9/20 (2006.01) H02H 3/00 (2006.01)**
[25] EN
[54] **LOAD MANAGEMENT SYSTEM AND METHOD OF IMPLEMENTING A LOAD MANAGEMENT SCHEME**
[54] **SYSTEME DE GESTION DE CHARGE ET PROCEDE DE MISE EN OEUVRE D'UN SCHEMA DE GESTION DE CHARGE**
[72] WANG, YIGANG, US
[72] PATIL, CHINMAYA, US
[72] THOMPSON, RONALD L., US
[72] ELDRIDGE, AUSTIN, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[22] 2018-04-04
[41] 2018-10-06
[30] US (15/480626) 2017-04-06

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[13] A1
[51] **Int.Cl. C09K 11/02 (2006.01) B28B 17/00 (2006.01) C09K 11/06 (2006.01) C04B 24/02 (2006.01)**
[25] EN
[54] **COVERING READINESS INDICATOR**
[54] **INDICATEUR D'ETAT DE PREPARATION DE REVETEMENT**
[72] WILDE, MARKUS, DE
[72] GRETZ, MARKUS, DE
[72] TSALOS, JOHANNIS, DE
[71] UZIN UTZ AG, DE
[22] 2018-04-04
[41] 2018-10-04
[30] EP (17164720.9) 2017-04-04

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[51] **Int.Cl. A47G 9/10 (2006.01) A47C 7/38 (2006.01) A47C 16/00 (2006.01)**
[25] EN
[54] **ARTICULATING NECK PILLOW**
[54] **COUSSIN DE NUQUE ARTICULE**
[72] KARL, PHILIP J., US
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[22] 2018-04-05
[41] 2018-10-05
[30] US (15/480031) 2017-04-05

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[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/10 (2012.01)**
[25] EN
[54] **ACCOUNT PLATFORM FOR A DISTRIBUTED NETWORK OF NODES**
[54] **PLATEFORME DE COMPTE POUR UN RESEAU DISTRIBUE DE NOEUDS**
[72] DEMBO, RON SAMUEL, CA
[72] LIPTON, ALEXANDER, US
[72] BURKOV, SERGEI, US
[71] STRONGHOLD LABS, LLC, US
[22] 2018-04-05
[41] 2018-10-06
[30] US (62/482,446) 2017-04-06

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H04W 4/02 (2018.01) H04W 52/02 (2009.01) A61B 34/20 (2016.01) A61B 90/00 (2016.01) H02J 50/00 (2016.01) A61B 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SWITCHING ON A WIRELESS TOOL ONLY WHEN THE LOCATION FREQUENCIES ARE DETECTED**
[54] **SYSTEME ET PROCEDE POUR METTRE EN MARCHE UN OUTIL SANS FIL SEULEMENT LORSQUE LES FREQUENCES DE LOCALISATION SONT DETECTEES**
[72] GLINER, VADIM, IL
[72] EPHRATH, YARON, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-04-04
[41] 2018-10-05
[30] US (15/479,467) 2017-04-05

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[13] A1
[51] **Int.Cl. A01N 65/00 (2009.01) A01N 25/10 (2006.01) A01N 25/30 (2006.01) A01N 31/06 (2006.01) A01N 33/04 (2006.01) A01N 59/00 (2006.01) A01P 11/00 (2006.01)**
[25] EN
[54] **RODENTICIDE**
[54] **RODENTICIDE**
[72] PERRY, STEPHEN C., US
[71] PERRY, STEPHEN C., US
[22] 2018-04-04
[41] 2018-10-05
[30] US (15/480,060) 2017-04-05

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[13] A1
[51] **Int.Cl. B65G 54/02 (2006.01) B60L 13/03 (2006.01) B60L 15/38 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A LONG STATOR LINEAR MOTOR**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR LINEAIRE A STATOR LONG**
[72] HUBER, STEFAN, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
[22] 2018-04-04
[41] 2018-10-04
[30] AT (A50263/2017) 2017-04-04

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[13] A1
[51] **Int.Cl. F21V 17/00 (2006.01) F21V 15/01 (2006.01) F21V 17/04 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LUMINAIRE CONFORMING ACCESSORY INTERFACE**
[54] **INTERFACE D'ACCESSOIRE EPOUSANT UN LUMINAIRE**
[72] BAILEY, CHRISTOPHER, US
[71] HUBBELL INCORPORATED, US
[22] 2018-04-04
[41] 2018-10-04
[30] US (62/481,375) 2017-04-04

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING PHYSIOLOGICAL PROPERTIES OF BIOLOGICAL SAMPLES**
[54] **PROCEDE ET APPAREIL POUR MESURER LES PROPRIETES PHYSIOLOGIQUES D'ECHANTILLONS BIOLOGIQUES**
[72] NEILSON, ANDREW C., US
[72] MCGARR, PAUL C., US
[71] AGILENT TECHNOLOGIES, INC., US
[22] 2018-04-05
[41] 2018-10-06
[30] US (15/480,586) 2017-04-06

[21] **3,000,384**
[13] A1
[51] **Int.Cl. G08G 1/017 (2006.01) G07B 15/06 (2011.01) H04W 4/80 (2018.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **VEHICLE IDENTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE VEHICULE**
[72] HOPKINS, CHRISTOPHER JOHN, CA
[72] MALARKY, ALASTAIR, CA
[71] KAPSCH TRAFFICCOM AG, AT
[22] 2018-04-05
[41] 2018-10-06
[30] EP (17 165 144.1) 2017-04-06

[21] **3,000,426**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) H04L 12/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR CLOUD BASED AUTONOMOUS AND COLLABORATIVE AUTHORING**
[54] **SYSTEME ET PROCEDES POUR CREATION AUTONOME ET COLLABORATIVE EN NUAGE**
[72] MELIK, RUDOLF, CA
[72] STE-MARIE, KARELL, CA
[71] PLANBOX INC., CA
[22] 2018-04-05
[41] 2018-10-05
[30] US (62/481,759) 2017-04-05

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[13] A1
[51] **Int.Cl. C10G 53/04 (2006.01) C10G 31/06 (2006.01)**
[25] EN
[54] **PARTIAL UPGRADING OF BITUMEN WITH THERMAL TREATMENT AND SOLVENT DEASPHALTING**
[54] **VALORISATION PARTIELLE DU BITUME AVEC TRAITEMENT THERMIQUE ET DESASPHALTAGE AU SOLVANT**
[72] HUQ, IFTIKHAR, CA
[72] REDDY, PRABHAKAR, CA
[72] DE KLERK, ARNO, CA
[71] SUNCOR ENERGY INC., CA
[22] 2018-04-06
[41] 2018-10-06
[30] CA (2963436) 2017-04-06

[21] **3,000,478**
[13] A1
[51] **Int.Cl. H01M 8/04089 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD OF CONTROLLING THE SAME**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] OGAWA, TOMOHIRO, JP
[72] MARUO, TSUYOSHI, JP
[72] MATSUMOTO, SHUN, JP
[72] TSUNEKAWA, HIROYUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-04-06
[41] 2018-10-06
[30] JP (2017-075779) 2017-04-06

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[51] **Int.Cl. H01R 31/06 (2006.01) F21V 15/015 (2006.01) F21V 23/06 (2006.01)**
[25] EN
[54] **CONVERSION DEVICE FOR LINKING CORD**
[54] **DISPOSITIF DE CONVERSION POUR CORDON DE LIAISON**
[72] VAN WINKLE, GARY, US
[71] ETI SOLID STATE LIGHTING INC., US
[22] 2018-04-17
[41] 2018-10-03
[30] US (15/702,918) 2017-09-13

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[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **LOCKING DOCK FOR PORTABLE ELECTRONIC DEVICE**
[54] **STATION D'ACCUEIL POUR DISPOSITIF ELECTRONIQUE PORTABLE**
[72] POWELL, REUBEN C.G., CA
[72] HOLEWSKI, JOZEF P., CA
[71] PRECISION MOUNTING TECHNOLOGIES LTD., CA
[22] 2018-04-25
[41] 2018-10-03
[30] US (15/937,191) 2018-03-27

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[13] A1
[51] **Int.Cl. B01D 21/26 (2006.01) B01D 45/08 (2006.01) B01D 45/12 (2006.01)**
[25] EN
[54] **FEEDWELL SYSTEM FOR A SEPARATION VESSEL**
[54] **SYSTEME D'ALIMENTATION POUR CUVE DE SEPARATION**
[72] CHIALVO, SEBASTIAN, US
[72] ALBERT, BRIAN D., US
[72] GERVAIS, OLIVIER, US
[72] ABEL, KEITH A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2018-07-13
[41] 2018-10-05
[30] US (62/667,928) 2018-05-07

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[13] A1
[51] **Int.Cl. A47L 11/40 (2006.01) A47L 7/00 (2006.01) A47L 11/292 (2006.01) A47L 11/34 (2006.01)**
[25] EN
[54] **LIQUID EXTRACTION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'EXTRACTION DE LIQUIDE**
[72] CHAVANA, ERNEST MATTHEW, JR., US
[72] ANDERSON, STANLEY, US
[72] TERPSTRA, CHRISTOPHER, US
[72] VALENTIC, JAN, US
[72] MA, XINTAO, CN
[72] FOSTER, RICHARD, US
[71] RUG DOCTOR, LLC, US
[22] 2018-07-31
[41] 2018-10-03
[30] US (15/808,265) 2017-11-09

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[13] A1
[51] **Int.Cl. A47C 19/02 (2006.01) F16B 12/54 (2006.01)**
[25] EN
[54] **FOLDABLE HEADBOARD**
[54] **TETE DE LIT PLIANTE**
[72] SCHACHTER, ADAM, CA
[71] THE FHE GROUP INC., CA
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Demandes PCT entrant en phase nationale

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[51] **Int.Cl. B60W 30/10 (2006.01) E01H 5/06 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK VEHICLE, METHOD FOR SETTING TRAJECTORY OF WORK IMPLEMENT, AND WORK VEHICLE**
[54] **SYSTEME DE CONTROLE D'UN VEHICULE DE TRAVAIL, METHODE D'ETABLISSEMENT D'UNE TRAJECTOIRE D'UN ACCESSOIRE DE TRAVAIL, ET VEHICULE DE TRAVAIL**
[72] HASHIMOTO, KAZUHIRO, JP
[71] KOMATSU LTD., JP
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[86] 2017-03-31 (PCT/JP2017/013732)
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[25] EN
[54] **CONTROL SYSTEM FOR WORK VEHICLE, AND METHOD FOR SETTING TRAJECTORY OF WORK IMPLEMENT**
[54] **SYSTEME DE CONTROLE DE VEHICULE DE SERVICE ET METHODE D'ETABLISSEMENT DE TRAJECTOIRE D'UN ACCESSOIRE DE TRAVAIL**
[72] HASHIMOTO, KAZUHIRO, JP
[71] KOMATSU LTD., JP
[85] 2018-01-12
[86] 2017-03-31 (PCT/JP2017/013731)
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[51] **Int.Cl. G09B 9/00 (2006.01) G06F 3/0482 (2013.01)**
[25] EN
[54] **VISUALIZING SUB-SYSTEMS OF A VIRTUAL SIMULATED ELEMENT IN AN INTERACTIVE COMPUTER SIMULATION SYSTEM**
[54] **VISUALISATION DE SOUS-SYSTEME D'UN ELEMENT SIMULE VIRTUEL DANS UN SYSTEME DE SIMULATION INFORMATIQUE INTERACTIF**
[72] DELISLE, JEAN-FRANCOIS, CA
[71] CAE INC., CA
[85] 2018-03-21
[86] 2017-02-15 (PCT/CA2017/050181)
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[25] EN
[54] **APPARATUS FOR DETECTING DEFECT AND METHOD FOR DETECTING DEFECT USING THE SAME**
[54] **APPAREIL DE DETECTION DE DEFAUT ET METHODE DE DETECTION DE DEFAUT EMPLOYANT LEDIT APPAREIL**
[72] SHIN, DONG HWAN, KR
[72] SHIN, YE JI, KR
[72] CHA, SEUNG EUN, KR
[71] SHIN, DONG HWAN, KR
[71] SHIN, YE JI, KR
[71] CHA, SEUNG EUN, KR
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[87] (2998245)
[30] KR (10-2017-0040536) 2017-03-30

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[51] **Int.Cl. G09F 9/33 (2006.01) G09G 3/32 (2016.01)**
[25] EN
[54] **LED APPARATUS HAVING ONE OR MORE COMMUNICATION UNITS AND A METHOD OF EMPLOYING SAME**
[54] **APPAREIL A DEL COMPORTANT UNE OU PLUSIEURS UNITES DE COMMUNICATION ET SON PROCEDE D'UTILISATION**
[72] PAHLEVANINEZHAD, MAJID, CA
[72] SCHERWITZ, SAM, CA
[71] 10644137 CANADA INC., CA
[85] 2018-08-02
[86] 2018-03-22 (PCT/CA2018/050349)
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[25] EN
[54] **MICROCURRENT DEVICE AND METHOD FOR THE TREATMENT OF VISUAL DISEASE**
[54] **DISPOSITIF DE MICRO-COURANTS ET PROCEDE SERVANT AU TRAITEMENT D'UNE AFFECTION VISUELLE**
[72] O'CLOCK, GEORGE D., US
[71] NOVA OCULUS CANADA MANUFACTURING ULC, CA
[85] 2018-08-23
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[25] EN
[54] **CORRUGATED HEAT PROTECTION TUBE AND METHODS OF MAKING THE SAME**
[54] **TUBE DE PROTECTION THERMIQUE ONDULE ET METHODES DE FABRICATION ASSOCIEE**
[72] MUELLER, CHRISTIAN, DE
[72] MERTENS, BURKHARD, DE
[72] WEBER, MARC PHILIPP, DE
[71] NOVELIS INC., US
[85] 2018-08-31
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[54] **ACCELERATOR**
[54] **ACCELERATEURS**
[72] BURGE, CHRISTIAN, CH
[72] MADER, GILBERT, CH
[72] WOMBACHER, FRANZ, CH
[71] SIKA TECHNOLOGY AG, CH
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[25] EN
[54] **METHOD OF OPERATING A RECEIVER FOR RECEIVING ANALYTE DATA, RECEIVER AND COMPUTER PROGRAM PRODUCT**
[54] **PROCEDE D'ACTIONNNEMENT D'UN RECEPTEUR POUR LA RECEPTION DE DONNEES RELATIVES A UN ANALYTE, RECEPTEUR ET PRODUIT DE TYPE PROGRAMME INFORMATIQUE**
[72] SCHWENKER, KAI-OLIVER, DE
[72] MUGLITZ, CARSTEN, DE
[72] HUBER-TOTH, ANDREAS, DE
[72] BOOTZ, FELIX, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-09-19
[86] 2017-03-29 (PCT/EP2017/057437)
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[54] **TETRAHYDROISOQUINOLINE DERIVATIVES**
[54] **DERIVES DE TETRAHYDROISOQUINOLEINE**
[72] ATES, ALI, BE
[72] JNOFF, ERIC, BE
[72] PROVINS, LAURENT, BE
[72] VALADE, ANNE, BE
[72] HALL, ADRIAN, BE
[71] UCB BIOPHARMA SPRL, BE
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[54] **PYRIDYL DERIVATIVES AS BROMODOMAIN INHIBITORS**
[54] **DERIVES DE PYRIDYLE A UTILISER EN TANT QU'INHIBITEURS DE BROMODOMAINE**
[72] ATKINSON, STEPHEN JOHN, GB
[72] DEMONT, EMMANUEL HUBERT, GB
[72] HARRISON, LEE ANDREW, GB
[72] LEVERNIER, ETIENNE, GB
[72] PRESTON, ALEXANDER G, GB
[72] SEAL, JONATHAN THOMAS, GB
[72] WALL, IAN DAVID, GB
[72] WATSON, ROBERT J, GB
[72] WOOLVEN, JAMES MICHAEL, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2018-09-19
[86] 2017-04-05 (PCT/EP2017/058050)
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[30] GB (1605912.3) 2016-04-07
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[51] **Int.Cl. H05B 33/08 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **LIGHTING DEVICE WITH CONSISTENT LIGHTING PROPERTIES**
[54] **DISPOSITIF D'ECLAIRAGE A CARACTERISTIQUES OPTIQUES STABLES**
[72] WOLFING, BERND, DE
[72] KEIPER, OLIVER, DE
[72] MATTHEIS, SANDRA, DE
[72] SCHNEIDER, ANDREAS, DE
[72] SPRZAGALA, MARC TIMON, DE
[72] DIETRICH, ANDREAS, DE
[72] REICHERT, THOMAS, DE
[72] BIEL, SEBASTIAN, DE
[71] SCHOTT AG, DE
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[86] 2017-05-08 (PCT/EP2017/060944)
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[30] DE (10 2016 108 754.8) 2016-05-11

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[13] A1
[51] **Int.Cl. C12Q 1/42 (2006.01) C12Q 1/48 (2006.01)**
[25] EN
[54] **ASSAYS AND METHODS FOR DETECTING UDP-GLUCOSE**
[54] **DOSAGES ET PROCEDES POUR DETECTER L'UDP-GLUCOSE**
[72] BRETON, SYLVIE, US
[72] LIBERMAN, RACHEL, US
[72] RUSSO, LEILEATA M., US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-09-19
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[51] **Int.Cl. H04L 29/06 (2006.01)**
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[54] **SYSTEMS AND TECHNIQUES FOR GUIDING A RESPONSE TO A CYBERSECURITY INCIDENT**
[54] **SYSTEMES ET TECHNIQUES POUR GUIDER UNE REPONSE A UN INCIDENT DE CYBERSECURITE**
[72] LORD, CHRISTOPHER, US
[72] JOHNSON, BENJAMIN, US
[72] SMESTAD, DORAN, US
[72] HARTLEY, JOSHUA, US
[71] CARBON BLACK, INC., US
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[51] **Int.Cl. A61G 7/10 (2006.01) A47K 3/022 (2006.01) A61B 17/42 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **WATER BIRTHING APPARATUS**
[54] **APPAREIL D'ACCOUCHEMENT DANS L'EAU**
[72] MACBETH, MATTHEW, AU
[71] MACBETH, MATTHEW, AU
[85] 2018-09-18
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[51] **Int.Cl. E04F 13/30 (2006.01) E04F 13/072 (2006.01) E04F 13/077 (2006.01) E04F 15/16 (2006.01) E04F 19/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR MAGNETIC SURFACE COVERINGS**
[54] **SYSTEME, PROCEDE ET APPAREIL ASSOCIES A DES REVETEMENTS MAGNETIQUES DE SURFACES**
[72] LAUTZENHISER, LLOYD L., US
[72] LEBLANC, SHANE S., US
[72] LEBLANC, MELINDA, US
[71] GOLCONDA HOLDINGS LLC, US
[85] 2018-09-20
[86] 2016-03-28 (PCT/US2016/024583)
[87] (WO2016/160739)
[30] US (62/139,226) 2015-03-27
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[51] **Int.Cl. C12M 1/42 (2006.01)**
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[54] **ACTIVATED PLATELET COMPOSITION WITH TUNABLE GROWTH FACTOR LEVEL**
[54] **COMPOSITION DE PLAQUETTES ACTIVEES AYANT UN TAUX DE FACTEUR DE CROISSANCE AJUSTABLE**
[72] NECULAES, VASILE BOGDAN, US
[72] BECERRA, JUAN JOSE, US
[72] MORTON, CHRISTINE ANGELA, US
[72] TORRES, ANDREW SOLIZ, US
[72] CAIAFA, ANTONIO, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-09-20
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 23/00 (2006.01) G01V 1/40 (2006.01) G01V 1/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LAUNCHING AND RETRIEVING WIRELINE EAT SENSORS**
[54] **SYSTEME ET PROCEDE POUR LANCER ET RECUPERER DES CAPTEURS EAT A CABLE**
[72] PARK, BRIAN V., US
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-20
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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
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[54] **UNITE CRYPTOGRAPHIQUE POUR OPERATIONS D'INFRASTRUCTURE A CLE PUBLIQUE (PKI)**
[72] NIX, JOHN A., US
[71] NIX, JOHN A., US
[85] 2018-09-20
[86] 2016-05-18 (PCT/US2016/033096)
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[13] A1
[51] **Int.Cl. C09K 8/10 (2006.01) C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **SELF-SUSPENDING MATERIAL FOR DIVERSION APPLICATIONS**
[54] **MATERIAU A SUSPENSION AUTOMATIQUE POUR APPLICATIONS DE DIVERSION**
[72] AGASHE, SNEHALATA S., US
[72] BIYANI, MAHESH VIJAYKUMAR, US
[72] CHITTATTUKARA, SHOY GEORGE, US
[72] EOFF, LARRY STEVEN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-20
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[13] A1
[51] **Int.Cl. C02F 1/04 (2006.01) C02F 1/12 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **CONTAINERIZED SYSTEM AND METHOD FOR SPRAY EVAPORATION OF WATER**
[54] **SYSTEME CONTENEURISE ET PROCEDE DE CO-PULVERISATION/EVAPORATION DE L'EAU**
[72] SHINER, STEPHEN M., US
[72] HANEBUTH, CHUCK, US
[71] ENERGY WATER SOLUTIONS, LLC, US
[85] 2018-09-20
[86] 2016-06-10 (PCT/US2016/036804)
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[30] US (62/173,509) 2015-06-10
[30] US (15/177,519) 2016-06-09

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[13] A1
[51] **Int.Cl. C07D 223/14 (2006.01) C07C 281/16 (2006.01)**
[25] EN
[54] **THE TOTAL SYNTHESIS OF GLUCOSEPANE AND RELATED CHEMICAL REACTIONS, COMPOUNDS AND COMPOSITIONS OBTAINED THEREFROM AND METHODS OF TREATMENT**
[54] **SYNTHESE TOTALE DE GLUCOSEPANE ET COMPOSES OBTENUS A PARTIR DE CELLE-CI**
[72] SPIEGEL, DAVID, US
[71] YALE UNIVERSITY, US
[85] 2018-09-20
[86] 2016-09-23 (PCT/US2016/053407)
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[30] US (62/232,626) 2015-09-25

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[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/517 (2006.01) A61K 31/5377 (2006.01) A61P 29/00 (2006.01) A61P 31/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 239/95 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **BLOCKING TOLL-LIKE RECEPTOR 9 SIGNALING WITH SMALL MOLECULE ANTAGONIST**
[54] **BLOCAGE DE LA SIGNALISATION PAR LE TLR9 (TOLL-LIKE RECEPTOR 9) AVEC UN ANTAGONISTE A PETITES MOLECULES**
[72] TALUKDAR, ARINDAM, IN
[72] GANGULY, DIPYAMAN, IN
[72] PAUL, BARNALI, IN
[72] MUKHERJEE, AYAN, IN
[72] ROY, SHOUNAK, IN
[72] ROY, SWARNALI, IN
[72] GHOSH, AMRIT RAJ, IN
[72] BHATTACHARYA, ROOPKATHA, IN
[72] RAHAMAN, OINDRILA, IN
[72] KUNDU, BISWAJIT, IN
[71] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
[85] 2018-09-20
[86] 2017-03-21 (PCT/IN2017/050103)
[87] (WO2017/163264)
[30] IN (201611009670) 2016-03-21

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[13] A1
[51] **Int.Cl. G06F 1/26 (2006.01)**
[25] EN
[54] **NO-VOLTAGE OUTPUT AND VOLTAGE OUTPUT SWITCHING CIRCUIT**
[54] **CIRCUIT DE COMMUTATION DE SORTIE DE TENSION NULLE ET DE SORTIE DE TENSION**
[72] HAMAMOTO, WATARU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-09-20
[86] 2016-07-13 (PCT/JP2016/070740)
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[13] A1
[51] **Int.Cl. B21D 39/03 (2006.01) B21D 22/20 (2006.01) C22C 38/00 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **MECHANICAL CLINCH JOINING COMPONENT AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSANT D'ASSEMBLAGE PAR RIVETAGE MECANIQUE ET PROCEDE POUR LE FABRIQUER**
[72] JIMBO, NORIYUKI, JP
[72] YAMANO, TAKAYUKI, JP
[72] YAMAMOTO, SHINICHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2018-09-20
[86] 2017-03-08 (PCT/JP2017/009224)
[87] (WO2017/169588)
[30] JP (2016-072486) 2016-03-31

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[13] A1
[51] **Int.Cl. A01K 61/60 (2017.01) A01K 63/00 (2017.01)**
[25] EN
[54] **INSTALLATION AND METHOD FOR FARMING OF FISH**
[54] **INSTALLATION ET PROCEDE D'ELEVAGE DE POISSONS**
[72] NORDAHL-PEDERSEN, GEIR, NO
[71] NORDAHL-PEDERSEN, GEIR, NO
[85] 2018-09-20
[86] 2017-04-06 (PCT/NO2017/050081)
[87] (WO2017/176125)
[30] NO (20160573) 2016-04-07
[30] NO (20170034) 2017-01-09

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[51] **Int.Cl. E21B 19/02 (2006.01) B66C 13/04 (2006.01)**
[25] EN
[54] **DEPTH COMPENSATED ACTUATOR AND USE OF SAME IN ASSOCIATION WITH A TRANSPORTABLE HEAVE COMPENSATOR**
[54] **ACTIONNEUR A COMPENSATION DE PROFONDEUR ET UTILISATION DE CE DERNIER EN ASSOCIATION AVEC UN COMPENSATEUR DE PILONNEMENT TRANSPORTABLE**
[72] MARTINSEN, TORD B., NO
[72] BERG, ANDRE SKARE, NO
[71] SAFELINK AS, NO
[85] 2018-09-20
[86] 2017-05-08 (PCT/NO2017/050111)
[87] (WO2017/196181)
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[30] NO (20162010) 2016-12-17

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[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01) G06Q 50/18 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING MATCHING CONTENT**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE CONTENU CORRESPONDANT**
[72] KERETH, LIOR BEN, US
[72] KIM, HONG-SEOK, US
[72] KEEF, ANALISA TAMAYO, US
[72] LYONS, ANDREW JAMES, US
[71] FACEBOOK, INC., US
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[30] US (15/076,524) 2016-03-21

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[51] **Int.Cl. A61B 7/04 (2006.01) A61B 7/00 (2006.01) G10K 11/00 (2006.01) G10K 11/16 (2006.01) H04R 7/00 (2006.01)**
[25] EN
[54] **NOISE REDUCTION ASSEMBLY FOR AUSCULTATION OF A BODY**
[54] **ENSEMBLE DE REDUCTION DE BRUIT POUR L'AUSCULTATION D'UN CORPS**
[72] COPT, RYAN J., US
[72] BUTERA, JOSEPH G., III, US
[72] SUMMERS, ROBERT J., III, US
[71] BONGIOVI ACOUSTICS LLC, US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023740)
[87] (WO2017/165604)
[30] US (62/313,236) 2016-03-25
[30] US (15/403,598) 2017-01-11

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[51] **Int.Cl. H04R 5/02 (2006.01) H04R 5/04 (2006.01)**
[25] FR
[54] **METHOD FOR REPRODUCING SOUND, TAKING ACCOUNT OF INDIVIDUAL REQUIREMENTS**
[54] **PROCEDE DE DIFFUSION SONORE PRENANT EN COMPTE LES PARTICULARITES INDIVIDUELLES**
[72] VINCENT, PIERRE, FR
[71] VINCENT, PIERRE, FR
[85] 2018-09-20
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[87] (WO2017/191384)
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[51] **Int.Cl. A61B 3/00 (2006.01) G02B 27/00 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **POWER CALCULATOR FOR AN OPHTHALMIC APPARATUS WITH CORRECTIVE MERIDIANS HAVING EXTENDED TOLERANCE OR OPERATION BAND**
[54] **CALCULATEUR DE PUISSANCE POUR UN APPAREIL OPHTALMIQUE AVEC MERIDIENS CORRECTIFS AYANT UNE TOLERANCE OU BANDE OPERATIONNELLE ETENDUE**
[72] ZHAO, HUAWEI, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023772)
[87] (WO2017/165623)
[30] US (62/312,321) 2016-03-23
[30] US (62/312,338) 2016-03-23
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[25] EN
[54] **AMNIOTIC OR PLACENTAL PREPARATION AND DEVICE FOR OPHTHALMIC USE AS A DRESSING TO ENHANCE HEALING**
[54] **PREPARATION AMNIOTIQUE OU PLACENTAIRE ET DISPOSITIF POUR UNE UTILISATION OPHTALMIQUE COMME PANSEMENT POUR AMELIORER LA CICATRISATION**
[72] TELLO, CELSO, US
[71] TELLO, CELSO, US
[85] 2018-09-20
[86] 2016-03-28 (PCT/US2016/024468)
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[51] **Int.Cl. E01C 13/02 (2006.01) E04C 5/16 (2006.01) E04F 19/02 (2006.01) E04F 19/06 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM**
[54] **SYSTEME DE FIXATION**
[72] BENNETT, RON, US
[72] WHITE, STEVE JR., US
[71] WHOLESALE TURF SUPPLY LLC, US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023798)
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[30] US (62/312,604) 2016-03-24

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[54] **SOUTIEN-GORGE SOPHISTIQUE**
[72] MAHESHWARI, RICHA, US
[72] VAUGHAN, HEIDI, US
[71] NIKE INNOVATE C.V., US
[85] 2018-09-20
[86] 2016-11-03 (PCT/US2016/060260)
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[30] US (62/319,128) 2016-04-06
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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **OPHTHALMIC APPARATUS WITH CORRECTIVE MERIDIANS HAVING EXTENDED TOLERANCE BAND**
[54] **APPAREIL OPHTALMIQUE A MERIDIENS CORRECTIFS PRESENTANT UNE BANDE DE TOLERANCE ETENDUE**
[72] ZHAO, HUAWEI, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023836)
[87] (WO2017/165660)
[30] US (62/312,321) 2016-03-23
[30] US (62/312,338) 2016-03-23

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[51] **Int.Cl. A61K 41/00 (2006.01) A61K 31/11 (2006.01)**
[25] EN
[54] **USE OF BIPOLAR TRANS CAROTENOIDS WITH CHEMOTHERAPY AND RADIOTHERAPY FOR TREATMENT OF CANCER**
[54] **UTILISATION DE CAROTENOIDES TRANS BIPOLAIRES AVEC UNE CHIMIOTHERAPIE ET UNE RADIOTHERAPIE EN VUE DU TRAITEMENT D'UN CANCER**
[72] GAINER, JOHN L., US
[71] DIFFUSION PHARMACEUTICALS LLC, US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023844)
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[51] **Int.Cl. F17C 1/06 (2006.01) F17C 1/16 (2006.01)**
[25] EN
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[54] **INTERFACE DE BOSSAGE ET DE REVETEMENT POUR CUVE SOUS PRESSION**
[72] ALMAGRO, RUSSELL, US
[72] MILLER, KENNETH O., US
[71] WORTHINGTON INDUSTRIES, INC., US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023335)
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[25] EN
[54] **ORAL CARE COMPOSITIONS CONTAINING A GEL NETWORK PHASE AND POTASSIUM NITRATE**
[54] **COMPOSITIONS DE SOIN BUCCO-DENTAIRE CONTENANT UNE PHASE DE RESEAUX DE GEL ET DU NITRATE DE POTASSIUM**
[72] MIDHA, SANJEEV, US
[72] DOLAN, LAWRENCE EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-09-20
[86] 2017-03-31 (PCT/US2017/025235)
[87] (WO2017/173197)
[30] US (62/317,419) 2016-04-01

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[51] **Int.Cl. B32B 27/12 (2006.01) B32B 5/02 (2006.01) B32B 7/02 (2006.01) B32B 27/08 (2006.01) B32B 27/20 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **ARCHITECTURAL MEMBRANE**
[54] **MEMBRANE ARCHITECTURALE**
[72] SARGENT, JOSEPH G., US
[72] CUSHMAN, MICHAEL P., US
[72] LUSSIER, MICHAEL J., US
[72] MCMARTIN, JAMES M., US
[71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023364)
[87] (WO2017/165384)
[30] US (62/311,173) 2016-03-21

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[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] EN
[54] **OPHTHALMIC APPARATUS WITH CORRECTIVE MERIDIANS HAVING EXTENDED TOLERANCE BAND WITH FREEFORM REFRACTIVE SURFACES**
[54] **APPAREIL OPHTALMIQUE A MERIDIENS CORRECTIFS COMPORTANT UNE BANDE DE TOLERANCE ETENDUE DOTEE DE SURFACES REFRACTIVES DE FORME LIBRE**
[72] ZHAO, HUAWEI, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023864)
[87] (WO2017/165679)
[30] US (62/312,321) 2016-03-23
[30] US (62/312,338) 2016-03-23

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[25] EN
[54] **ORAL CARE COMPOSITIONS CONTAINING A GEL NETWORK PHASE**
[54] **COMPOSITIONS DE SOIN BUCCAL CONTENANT UNE PHASE RESEAU DE GEL**
[72] MIDHA, SANJEEV, US
[72] DOLAN, LAWRENCE EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2017-03-31 (PCT/US2017/025236)
[87] (WO2017/173198)
[30] US (62/317,413) 2016-04-01

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[25] EN
[54] **CONTENT DELIVERY METHOD**
[54] **PROCEDE DE DISTRIBUTION DE CONTENU**
[72] RIORDAN, MICHAEL A., US
[72] MURRAY, JOSEPH BENJAMIN, US
[72] WACTOR, IVAN JEREMY DANE, US
[72] MURPHY, ROBERT EARL, JR., US
[71] SMART.MARKET, INC., US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023391)
[87] (WO2017/165404)
[30] US (62/311,642) 2016-03-22
[30] US (15/464,772) 2017-03-21

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[51] **Int.Cl. G01L 1/04 (2006.01) G01D 7/00 (2006.01) G01L 19/14 (2006.01)**
[25] EN
[54] **ELECTRONIC PRESSURE GAUGE FOR PRESSURIZED SYSTEM WITH VARIABLE OUTLET FLOWS**
[54] **MANOMETRE ELECTRONIQUE POUR SYSTEME SOUS PRESSION A DEBITS VARIABLES**
[72] DEAN, WILLIAM C., US
[72] ZEID, MATTHEW, US
[72] JACOBSMEYER, RUSSELL, US
[71] ESSEX INDUSTRIES, INC., US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023406)
[87] (WO2017/165414)
[30] US (62/311,189) 2016-03-21
[30] US (15/378,824) 2016-12-14

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[25] EN
[54] **OPHTHALMIC APPARATUS WITH CORRECTIVE MERIDIANS HAVING EXTENDED TOLERANCE BAND BY MODIFYING REFRACTIVE POWERS IN UNIFORM MERIDIAN DISTRIBUTION**
[54] **APPAREIL OPHTALMIQUE AVEC MERIDIENS CORRECTIFS AYANT UNE BANDE DE TOLERANCE ETENDUE PAR MODIFICATION DE PUISSANCES DE REFRACTION DANS UNE DISTRIBUTION MERIDIENNE UNIFORME**
[72] ZHAO, HUAWEI, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023888)
[87] (WO2017/165695)
[30] US (62/312,321) 2016-03-23
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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/31 (2006.01) A61K 8/33 (2006.01) A61K 8/35 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61Q 11/00 (2006.01) A61Q 13/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS WITH AN EFFECTIVE FLAVOR DISPLAY**
[54] **COMPOSITIONS DE SOIN BUCCAL PRESENTANT UN AFFICHAGE D'AROME EFFICACE**
[72] HOKE, STEVEN HAMILTON, US
[72] MIDHA, SANJEEV, US
[72] DOLAN, LAWRENCE EDWARD, US
[72] LEBLANC, MICHAEL JUDE, US
[72] LEHNHOFF, KAREN, US
[72] LEPONT, PIERIG JEAN-MARIE, US
[72] LI, JIANJUN JUSTIN, US
[72] LUCAS, LAURA H., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2017-03-31 (PCT/US2017/025237)
[87] (WO2017/173199)
[30] US (62/317,415) 2016-04-01
[30] US (62/317,419) 2016-04-01
[30] US (62/317,413) 2016-04-01
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[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF LINKING GAMING STATIONS**
[54] **SYSTEMES ET PROCEDES DE LIAISON DE STATIONS DE JEU**
[72] HALTER, JEREMY, US
[72] YEE, RYAN MASAO, US
[72] CZYZEWSKI, ZBIGNIEW, US
[72] BLESS, E. DAMIAN, US
[71] BALLY GAMING, INC., US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023418)
[87] (WO2017/165419)
[30] US (15/079,177) 2016-03-24

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[51] **Int.Cl. A61K 38/12 (2006.01) A61K 49/00 (2006.01) A61K 51/08 (2006.01) C07K 7/06 (2006.01) C07K 14/00 (2006.01)**
[25] EN
[54] **PH-SENSITIVE PEPTIDES**
[54] **PEPTIDES SENSIBLES AU PH**
[72] RESHETNYAK, YANA K., US
[72] ANDREEV, OLEG A., US
[72] PARANG, KEYKAVOUS, US
[71] RHODE ISLAND COUNCIL ON POSTSECONDARY EDUCATION, US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023458)
[87] (WO2017/165452)
[30] US (62/311,156) 2016-03-21

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[25] EN
[54] **BALL VALVE SEAT WITH TRIPLE SEAL**
[54] **SIEGE DE CLAPET A BILLE DOTE D'UN TRIPLE JOINT**
[72] LO CICERO, CHARLES, CA
[71] GUIDE VALVE LIMITED, CA
[85] 2018-09-21
[86] 2016-03-22 (PCT/CA2016/050327)
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[25] EN
[54] **INTERMODAL CONTAINER BUILDING**
[54] **BATIMENT A CONTENEUR INTERMODAL**
[72] RITTMANIC, MATTHEW, US
[71] RITTMANIC, MATTHEW, US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023462)
[87] (WO2017/165455)
[30] US (62/310,886) 2016-03-21

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[51] **Int.Cl. C09B 69/10 (2006.01) C07C 215/68 (2006.01) C07F 9/09 (2006.01) C07F 9/24 (2006.01) C07F 9/572 (2006.01) G01N 33/52 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **ULTRA BRIGHT DIMERIC OR POLYMERIC DYES**
[54] **COLORANTS DIMERES OU POLYMERES ULTRA-BRILLANTS**
[72] MATRAY, TRACY, US
[72] SINGH, SHARAT, US
[72] VANBRUNT, MICHAEL, US
[71] SONY CORPORATION, JP
[71] SONY CORPORATION OF AMERICA, US
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[86] 2017-03-31 (PCT/US2017/025530)
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[30] US (62/317,192) 2016-04-01

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[51] **Int.Cl. B60Q 1/00 (2006.01) B60K 13/02 (2006.01) B60Q 1/26 (2006.01) B60R 13/00 (2006.01)**
[25] EN
[54] **ILLUMINATED AIR CATCHER PASSAGE**
[54] **PASSAGE DE CAPTEUR D'AIR ECLAIRE**
[72] MCGOWEN, ALEXANDER B., US
[72] NICHOLAS, MICHAEL H., US
[71] FCA US LLC, US
[85] 2018-09-20
[86] 2017-04-04 (PCT/US2017/025969)
[87] (WO2017/189192)
[30] US (15/141,107) 2016-04-28

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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 9/48 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **DNA ANTIBODY CONSTRUCTS AND METHOD OF USING SAME**
[54] **CONSTRUCTIONS D'ANTICORPS D'ADN ET LEUR PROCEDE D'UTILISATION**
[72] WEINER, DAVID B., US
[72] MUTHUMANI, KARUPPIAH, US
[72] FLINGAI, SELEEKE, US
[72] SARDESAI, NIRANJAN, US
[72] ELLIOTT, SARAH, US
[72] YAN, JIAN, US
[72] PATEL, AMI, US
[71] WEINER, DAVID B., US
[71] MUTHUMANI, KARUPPIAH, US
[71] FLINGAI, SELEEKE, US
[71] SARDESAI, NIRANJAN, US
[71] ELLIOTT, SARAH, US
[71] YAN, JIAN, US
[71] PATEL, AMI, US
[85] 2018-09-20
[86] 2017-03-21 (PCT/US2017/023479)
[87] (WO2017/165460)
[30] US (62/311,316) 2016-03-21
[30] US (62/332,381) 2016-05-05
[30] US (62/376,162) 2016-08-17
[30] US (62/396,748) 2016-09-19
[30] US (62/396,750) 2016-09-19
[30] US (62/417,093) 2016-11-03
[30] US (62/429,454) 2016-12-02
[30] US (62/429,473) 2016-12-02

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[51] **Int.Cl. A61B 5/028 (2006.01) G01N 21/47 (2006.01) G01N 21/53 (2006.01) G02B 27/48 (2006.01)**
[25] EN
[54] **SYSTEM FOR BLOOD FLOW MEASUREMENT WITH AFFIXED LASER SPECKLE CONTRAST ANALYSIS**
[54] **SYSTEME DE MESURE DU FLUX SANGUIN PAR ANALYSE A CONTRASTE DE CHATOIEMENT LASER APPOSE**
[72] RICE, TYLER BYWATERS, US
[72] WHITE, SEAN MICHAEL, US
[72] YANG, BRUCE YEE, US
[71] LASER ASSOCIATED SCIENCES, INC., US
[85] 2018-09-20
[86] 2017-04-04 (PCT/US2017/025979)
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[30] US (62/318,884) 2016-04-06

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[51] **Int.Cl. H01G 11/32 (2013.01) H01G 11/86 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS FOR HIGH VOLTAGE AND SOLAR APPLICATIONS**
[54] **DISPOSITIFS ET PROCEDES POUR APPLICATIONS A HAUTE TENSION ET SOLAIRES**
[72] EL-KADY, MAHER F., US
[72] KANER, RICHARD BARRY, US
[72] KAVANAUGH, JACK, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023632)
[87] (WO2017/165548)
[30] US (62/312,408) 2016-03-23
[30] US (62/421,920) 2016-11-14

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[51] **Int.Cl. A23L 11/30 (2016.01) A23L 2/38 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **A METHOD AND COMPOSITION COMPRISING HYDROLYZED STARCH**
[54] **PROCEDE ET COMPOSITION COMPRENANT DE L'AMIDON HYDROLYSE**
[72] CARDER, GARY, US
[72] CHATEL, ROBERT E., US
[72] CHUNG, YONGSOO, US
[72] FRENCH, JUSTIN A., US
[72] TWOMBLY, WESLEY, US
[71] THE QUAKER OATS COMPANY, US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023640)
[87] (WO2017/165553)
[30] US (15/077,758) 2016-03-22

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[54] **OPHTHALMIC APPARATUS WITH CORRECTIVE MERIDIANS HAVING EXTENDED TOLERANCE BAND**
[54] **APPAREIL OPHTALMIQUE A MERIDIENS CORRECTIFS PRESENTANT UNE BANDE DE TOLERANCE ETENDUE**
[72] ZHAO, HUAWEI, US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023897)
[87] (WO2017/165700)
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[51] **Int.Cl. E04B 1/32 (2006.01) E04H 1/12 (2006.01)**
[25] EN
[54] **A MODULAR DOME-LIKE STRUCTURE AND VOUSSOIRS AND KEYSTONE USED TO CONSTRUCT THE DOME-LIKE STRUCTURE**
[54] **STRUCTURE DE TYPE DOME MODULAIRE, ET VOUSSOIRS ET CLE DE VOUTE UTILISES POUR CONSTRUIRE LA STRUCTURE DE TYPE DOME**
[72] DREW, JAMES JOSEPH, CA
[72] DREW, ARLEY STEPHEN, CA
[71] LOCK-BLOCK LTD., CA
[85] 2018-09-21
[86] 2017-03-22 (PCT/CA2017/050366)
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[30] US (62/311,900) 2016-03-22

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[51] **Int.Cl. C07K 14/00 (2006.01) C07K 14/415 (2006.01) C07K 17/14 (2006.01) C07K 19/00 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **QUANTITATIVE FLAGELLAR FLUORESCENT MARKERS AND STANDARDS**
[54] **MARQUEURS FLUORESCENTS FLAGELLAIRES QUANTITATIFS ET ETALONS**
[72] LIU, YI, US
[72] YANG, PINFEN, US
[71] MARQUETTE UNIVERSITY, US
[85] 2018-09-20
[86] 2017-03-24 (PCT/US2017/024051)
[87] (WO2017/165788)
[30] US (62/312,772) 2016-03-24

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[51] **Int.Cl. A61C 9/00 (2006.01) A61C 19/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF FACIAL FEATURE SCANNING**
[54] **SYSTEMES ET PROCEDES DE BALAYAGE DE CARACTERISTIQUES FACIALES**
[72] SHARER, SHLOMO EREZ, CA
[71] NOVEL TECHNOLOGIES INC., CA
[85] 2018-09-21
[86] 2017-03-22 (PCT/CA2017/050365)
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[30] US (62/311,443) 2016-03-22

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[51] **Int.Cl. C12M 1/00 (2006.01) C12P 19/02 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLED HYDROLYSIS**
[54] **PROCEDE ET APPAREIL D'HYDROLYSE CONTROLEE**
[72] CARDER, GARY, US
[72] CHUNG, YONGSOO, US
[72] MEHTA, PRASHANT, US
[72] TWOMBLY, WESLEY, US
[71] THE QUAKER OATS COMPANY, US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023643)
[87] (WO2017/165555)
[30] US (15/077,676) 2016-03-22

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[25] EN
[54] **ROBUST MULTI-TOOL ASSEMBLY FOR HYDRAULIC EXCAVATORS**
[54] **ENSEMBLE ROBUSTE A OUTILS MULTIPLES POUR EXCAVATRICES HYDRAULIQUES**
[72] FREY, STEVEN OSCAR, CA
[72] MYER, DWIGHT COLIN, CA
[71] AMI ATTACHMENTS INC., CA
[85] 2018-09-21
[86] 2017-03-23 (PCT/CA2017/050369)
[87] (WO2017/161458)
[30] GB (1604983.5) 2016-03-23
[30] GB (1701204.8) 2017-01-24

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[51] **Int.Cl. B29C 70/08 (2006.01) B29C 70/28 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING CONTINUOUS COMPOSITE SANDWICH STRUCTURES BY PULTRUSION**
[54] **PROCEDES DE PRODUCTION DE STRUCTURES CONTINUES COMPOSITES EN SANDWICH PAR PULTRUSION**
[72] CHTOUROU, HALIM, CA
[72] RICARD, MICHELLE AGNES, CA
[71] FPINNOVATIONS, CA
[85] 2018-09-21
[86] 2017-04-20 (PCT/CA2017/050485)
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[25] EN
[54] **LIGNIN RECOVERY AND FURFURAL PRODUCTION FROM BIOMASS PREHYDROLYSATE STREAMS**
[54] **RECUPERATION DE LIGNINE ET PRODUCTION DE FURFURAL A PARTIR DE FLUX DE PREHYDROLYSAT DE BIOMASSE**
[72] JEMAA, NACEUR, CA
[72] MAZAR, ADIL, CA
[72] WAFA AL DAJANI, WALEED, CA
[72] PALEOLOGOU, MICHAEL, CA
[71] FPINNOVATIONS, CA
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[51] **Int.Cl. A41D 13/015 (2006.01) A41D 13/05 (2006.01) A42B 3/12 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **MODULAR DISENGAGING SYSTEM**
[54] **SYSTEME DE DESOLIDARISATION MODULAIRE**
[72] ABRAM, DANIEL EAMON, CA
[72] GOLNARAGHI, FARID, CA
[72] WANG, GAOFENG GARY, CA
[72] JELVEH, COMBIZ, CA
[71] SIMON FRASER UNIVERSITY, CA
[85] 2018-09-21
[86] 2017-03-23 (PCT/CA2017/050370)
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[30] US (62/312,329) 2016-03-23

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[51] **Int.Cl. A61N 1/08 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **SYSTEM TO ESTIMATE THE LOCATION OF A SPINAL CORD PHYSIOLOGICAL MIDLINE**
[54] **SYSTEME POUR ESTIMER L'EMPLACEMENT DE LA LIGNE MEDIANE PHYSIOLOGIQUE DE LA MOELLE EPINIERE**
[72] SERRANO, CARMONA RAUL, US
[72] HERSHEY, BRADLEY, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2018-09-20
[86] 2017-03-24 (PCT/US2017/024079)
[87] (WO2017/176475)
[30] US (62/317,884) 2016-04-04
[30] US (15/467,416) 2017-03-23

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[25] EN
[54] **MODULAR UTILITY SYSTEM**
[54] **SYSTEME D'ACCESSOIRES MODULAIRE**
[72] LEBLANC, ALEXANDER, CA
[71] ARCHI ENTERPRISES INC., CA
[85] 2018-09-21
[86] 2017-03-24 (PCT/CA2017/050376)
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[30] US (62/312,617) 2016-03-24

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[51] **Int.Cl. B01L 3/00 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR ASSESSING TARGET SEQUENCE NUMBERS**
[54] **APPAREILS ET PROCEDES POUR EVALUER DES NOMBRES DE SEQUENCES CIBLES**
[72] BRADLEY, KIRK, US
[72] BALOG, ROBERT, US
[71] BIOCERYX INC., US
[85] 2018-09-20
[86] 2017-03-24 (PCT/US2017/024098)
[87] (WO2017/165817)
[30] US (62/313,454) 2016-03-25
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[51] **Int.Cl. A23L 7/104 (2016.01) A23L 7/10 (2016.01) C12P 7/06 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, AND PRODUCT PROVIDING HYDROLYZED STARCH AND FIBER**
[54] **PROCEDE, APPAREIL ET PRODUIT FOURNISSANT DE L'AMIDON ET DES FIBRES HYDROLYSES**
[72] BRIJWANI, KHUSHAL, US
[72] CARDER, GARY, US
[72] CHUNG, YONGSOO, US
[72] LAY MA, URSULA VANESA, US
[72] SCHUETTE, JOHN, US
[72] TWOMBLY, WESLEY, US
[71] THE QUAKER OATS COMPANY, US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023645)
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[30] US (15/077,670) 2016-03-22

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[51] **Int.Cl. F16L 21/02 (2006.01) F16L 37/02 (2006.01)**
[25] EN
[54] **LOCKING PIPE JOINT DEVICE WITH INDICATOR**
[54] **DISPOSITIF DE RACCORDEMENT DE TUYAU A VERROUILLAGE A INDICATEUR**
[72] CROMPTON, DAVID B., US
[72] DIAS, LIBARDO O., US
[72] BOUCHARD, HERBERT J., US
[71] QUICK FITTING, INC., US
[85] 2018-09-20
[86] 2017-03-28 (PCT/US2017/024443)
[87] (WO2017/172694)
[30] US (62/316,114) 2016-03-31
[30] US (15/219,840) 2016-07-26

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[54] **RECEPTACLE FOR DETECTING DELIVERY AND RETRIEVAL EVENTS**
[54] **RECIPIENT PERMETTANT UNE DETECTION D'EVENEMENTS DE LIVRAISON ET DE RECUPERATION**
[72] DIXON, ROBERT E., US
[72] LUCKAY, RYAN, US
[71] UNITED STATES POSTAL SERVICE, US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023661)
[87] (WO2017/165563)
[30] US (62/312,323) 2016-03-23

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[51] **Int.Cl. C04B 26/06 (2006.01) C04B 20/10 (2006.01)**
[25] EN
[54] **CURABLE CASTING COMPOUND FOR PRODUCING PLASTICS MOULDED PARTS AND USE THEREOF**
[54] **MATIERE A MOULER DURCISSABLE POUR FABRIQUER DES PIECES MOULEES EN PLASTIQUE ET SON UTILISATION**
[72] HAJEK, ANDREAS, DE
[71] BLANCO GMBH + CO KG, DE
[85] 2018-09-21
[86] 2017-02-13 (PCT/EP2017/053164)
[87] (WO2017/162369)
[30] DE (10 2016 105 525.5) 2016-03-24

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[25] EN
[54] **FIELD STERILIZER AND VASCULAR CONNECTOR KIT**
[54] **STERILISATEUR DE CHAMP ET KIT DE RACCORD VASCULAIRE**
[72] REIDENBERG, BRUCE, US
[72] PFAFFLE, ANTONY, US
[72] DILUCHO, ROBERT, US
[71] CORMEDIX INC., US
[85] 2018-09-20
[86] 2017-03-28 (PCT/US2017/024586)
[87] (WO2017/172803)
[30] US (62/313,848) 2016-03-28

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **EARLY INTERVENTION METHODS TO PREVENT OR AMELIORATE TOXICITY**
[54] **PROCEDES D'INTERVENTION PRECOCE POUR PREVENIR OU ATTENUER LA TOXICITE**
[72] JENSEN, MICHAEL, US
[72] GARDNER, REBECCA, US
[71] SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE), US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023676)
[87] (WO2017/165571)
[30] US (62/311,906) 2016-03-22
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[51] **Int.Cl. A61K 31/454 (2006.01) A61K 31/655 (2006.01)**
[25] EN
[54] **FORMULATIONS FOR TREATING CONSTIPATION**
[54] **FORMULATIONS DESTINEES AU TRAITEMENT DE LA CONSTIPATION**
[72] SIEGEL, COREY A., US
[72] ALLIO, MICHAEL K., US
[71] COLONARYCONCEPTS LLC, US
[85] 2018-09-20
[86] 2017-03-28 (PCT/US2017/024606)
[87] (WO2017/172816)
[30] US (62/314,883) 2016-03-29

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[51] **Int.Cl. A47L 1/06 (2006.01) A47L 1/16 (2006.01) A47L 13/02 (2006.01) A47L 13/022 (2006.01) B60S 1/04 (2006.01) B60S 3/04 (2006.01)**
[25] EN
[54] **MATERIAL REMOVAL FROM SURFACES**
[54] **ELIMINATION DE MATIERE A PARTIR DE SURFACES**
[72] GREENBERGER, HAL P., US
[71] GREENBERGER, HAL P., US
[85] 2018-09-20
[86] 2017-03-22 (PCT/US2017/023685)
[87] (WO2017/165575)
[30] US (62/311,954) 2016-03-23
[30] US (15/464,235) 2017-03-20

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[51] **Int.Cl. E21B 33/138 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **AN IN-SITU SYSTEM FOR MIXING TWO OR MORE CHEMICAL COMPONENTS DOWNHOLE IN A WELLBORE AND A METHOD EMPLOYING SAME**
[54] **SYSTEME IN SITU POUR LE MELANGE D'AU MOINS DEUX CONSTITUANTS CHIMIQUES EN FOND DE TROU DANS UN PUITS DE FORAGE ET PROCEDE EMPLOYANT CE DERNIER**
[72] HOFFMAN, COLTON GARRETT, CA
[71] HOFFMAN, COLTON GARRETT, CA
[85] 2018-09-21
[86] 2017-04-05 (PCT/CA2017/050416)
[87] (WO2017/173540)
[30] US (62/318,855) 2016-04-06

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[51] **Int.Cl. A61F 13/00 (2006.01) A61B 5/00 (2006.01) A61G 7/057 (2006.01)**
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[54] **WIRELESS PRESSURE ULCER ALERT DRESSING SYSTEM**
[54] **SYSTEME DE PANSEMENT D'ALERTE D'ESCARRE DE DECUBITUS SANS FIL**
[72] DRENNAN, DENIS BURKE, US
[72] TRAPANI, MATTHEW FRANK, US
[71] DM SYSTEMS, INCORPORATED, US
[85] 2018-09-20
[86] 2017-03-29 (PCT/US2017/024667)
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[30] US (15/084,409) 2016-03-29

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[51] **Int.Cl. E04B 7/00 (2006.01) E04C 2/08 (2006.01) E04C 2/32 (2006.01) E04C 3/02 (2006.01) E04D 3/00 (2006.01) E04D 3/24 (2006.01) E04D 3/30 (2006.01) E04D 3/36 (2006.01) E04G 23/03 (2006.01)**
[25] EN
[54] **IN-FRAME SHEAR WALL**
[54] **PAROI DE CISAILLEMENT DANS UN CADRE**
[72] MARTIN, JEFFREY REINO, US
[72] HAWS, RICHARD B., US
[71] VERCO DECKING, INC., US
[85] 2018-09-20
[86] 2017-03-23 (PCT/US2017/023737)
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[54] **BUFFER TUBES FOR FIBER OPTIC CABLES**
[54] **TUBES TAMPONS POUR CABLES A FIBRES OPTIQUES**
[72] ESSEGHIR, MOHAMED, US
[72] SUN, GANGWEI, CN
[72] GONG, YONGHUA, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **A CLEAR SPRAYABLE SEALANT FOR AIRCRAFT PARTS AND ASSEMBLIES**
[54] **AGENT D'ETANCHEITE TRANSPARENTE POUVANT ETRE PULVERISEE POUR PARTIES D'AVION ET ENSEMBLES**
[72] BOOMER, KENT, US
[72] KNIGHT, CHAD, US
[72] DRY, MICHAEL, US
[72] SIBELLO, PETER, US
[72] BUSBY, JEFF, US
[71] THE PATENT WELL LLC, US
[85] 2018-09-20
[86] 2017-03-29 (PCT/US2017/024735)
[87] (WO2017/172906)
[30] US (62/315,361) 2016-03-30
[30] US (62/409,652) 2016-10-18

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[51] **Int.Cl. A61L 9/00 (2006.01) F24F 1/02 (2011.01) F24F 3/044 (2006.01) F24F 3/16 (2006.01)**
[25] EN
[54] **ROOM AIR PURIFIER WITH RFID READER**
[54] **PURIFICATEUR D'AIR DE PIECE A LECTEUR RFID**
[72] LIU, DENG, CN
[72] FOX, ANDREW R., US
[72] CHENG, LIANG, CN
[72] JIANG, WEILAI, CN
[72] YANG, YINGHUA, CN
[72] YANG, ZHIJUN, CN
[72] ZHOU, JIE, CN
[72] CHEN, YIXIONG, CN
[72] CHEN, DANIEL T.Y., US
[72] LIU, PAN, CN
[72] CHEN, LING, CN
[72] TANG, WENQIAN, CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS DE SYSTEME, STATION DE BASE ET TERMINAL**
[72] TANG, HAI, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[25] EN
[54] **ORAL CARE COMPOSITIONS CONTAINING GEL NETWORKS AND POTASSIUM NITRATE**
[54] **COMPOSITIONS DE SOIN BUCCO-DENTAIRE CONTENANT DES RESEAUX DE GEL ET DU NITRATE DE POTASSIUM**
[72] MIDHA, SANJEEV, US
[72] DOLAN, LAWRENCE EDWARD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-09-20
[86] 2017-03-31 (PCT/US2017/025234)
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[30] US (62/317,415) 2016-04-01

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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **POLYMORPH OF DPPIV INHIBITOR MALEATE AND PREPARATION METHOD THEREFOR**
[54] **POLYMORPHE DU MALEATE INHIBITEUR DE DPPIV ET SON PROCEDE DE PREPARATION**
[72] LIU, HONG, CN
[72] WANG, JIANG, CN
[72] LI, JIAN, CN
[72] LI, JIA, CN
[72] LI, JINGYA, CN
[72] JIANG, HUALIANG, CN
[72] LUO, XIAOMIN, CN
[72] CHEN, KAIXIAN, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[30] CN (201610165572.4) 2016-03-22

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[51] **Int.Cl. H04N 21/2343 (2011.01)**
[25] EN
[54] **METHOD, APPARATUS AND STREAM OF FORMATTING AN IMMERSIVE VIDEO FOR LEGACY AND IMMERSIVE RENDERING DEVICES**
[54] **PROCEDE, APPAREIL ET FLUX DE FORMATAGE D'UNE VIDEO IMMERSIVE POUR DES DISPOSITIFS DE RENDU TRADITIONNELS ET IMMERSIFS**
[72] DORE, RENAUD, FR
[72] FLEUREAU, JULIEN, FR
[72] TAPIE, THIERRY, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
[85] 2018-09-21
[86] 2017-03-14 (PCT/EP2017/055952)
[87] (WO2017/162479)
[30] EP (16305321.8) 2016-03-22

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[51] **Int.Cl. G05D 15/01 (2006.01) B64C 39/02 (2006.01)**
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[54] **SYSTEME DE RECONNAISSANCE ET DE COMMUNICATION AERIENNE PERSISTANTE**
[72] ANDERSON, BRETTON E., US
[72] BOHORQUEZ, FELIPE, US
[72] FILLIPOV, MIKHAIL, US
[72] GREINER, HELEN, US
[72] JEFFORDS, JASON, US
[72] JOHNSON, SAM, US
[72] MCCLURE, KEVIN MICHAEL, US
[72] SALAZAR, KIM, US
[72] SEBESTA, KENNETH D., US
[72] SHEIN, ANDREW M., US
[72] STOLL, PERRY, US
[72] WON, CHIKYUNG, US
[72] ZAPAROVANNY, ALEXEY, US
[71] CYPHY WORKS, INC., US
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[86] 2017-03-24 (PCT/US2017/024152)
[87] (WO2017/165854)
[30] US (62/312,887) 2016-03-24
[30] US (62/315,873) 2016-03-31
[30] US (62/321,292) 2016-04-12
[30] US (62/420,548) 2016-11-10
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[25] EN
[54] **COMPOUND HAVING MUTANT IDH INHIBITORY ACTIVITY, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE AYANT UNE ACTIVITE INHIBITRICE DE L'IDH MUTEE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] JIANG, LEI, CN
[72] GENG, MEIYU, CN
[72] ZHENG, QIANGANG, CN
[72] HUANG, MIN, CN
[72] WAN, HUIXIN, CN
[72] TANG, SHUAI, CN
[72] FU, XIANLEI, CN
[72] LAN, XIAOJING, CN
[72] CAO, JIANHUA, CN
[72] LIU, FEIFEI, CN
[72] DING, JIAN, CN
[71] SHANGHAI HAIHE PHARMACEUTICAL CO., LTD., CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[87] (WO2017/162133)
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[25] EN
[54] **A SINGLE- OR MULTIPLE COMPONENT COMPOSITION FOR PRODUCING A HYDROGEL**
[54] **COMPOSITION A UN OU PLUSIEURS COMPOSANTS POUR LA PRODUCTION D'UN HYDROGEL**
[72] HAUFE, MARKUS, CH
[72] GUT, CYRILL, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2018-09-21
[86] 2017-03-16 (PCT/EP2017/056328)
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[54] **QUOTIDIAN SCENE RECONSTRUCTION ENGINE**
[54] **MOTEUR DE RECONSTRUCTION DE SCENES QUOTIDIENNES**
[72] ACKERSON, DAVID SCOTT, US
[72] MEAGHER, DONALD J., US
[72] LEFFINGWELL, JOHN K., US
[72] DANIILIDIS, KOSTAS, US
[71] QUIDIENT, LLC, US
[85] 2018-09-20
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[30] US (62/371,494) 2016-08-05
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[25] EN
[54] **INTELLIGENT ROAD LAMP**
[54] **LAMPADAIRE ROUTIER INTELLIGENT**
[72] JIANG, YUXI, CN
[72] XU, LI, CN
[72] LIAO, LUPING, CN
[72] YUAN, CUI, CN
[71] SHANGHAI SANSI ELECTRONIC ENGINEERING CO. LTD., CN
[71] SHANGHAI SANSI TECHNOLOGY CO. LTD., CN
[71] SANSI OPTOELECTRONICS TECHNOLOGY (SHANGHAI) CO. LTD., CN
[71] JIASHAN SANSI OPTOELECTRONIC TECHNOLOGY CO. LTD., CN
[85] 2018-09-21
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[30] CN (201620172078.6) 2016-03-07
[30] CN (201610128737.0) 2016-03-07

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[54] **PROCEDE DE COMMANDE D'UN SYSTEME D'ALIMENTATION EN ENERGIE ELECTRIQUE MULTIVALENT**
[72] ARNOLD, CHRISTIAN, DE
[72] BOCK, MARTIN, DE
[72] GRAD, ANDREJ, DE
[72] MAURER, TOBIAS, DE
[72] OSTERLOH, REINHARD, DE
[72] TIMMERMANN, JORG, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
[85] 2018-09-21
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[54] **RADIO-PHARMACEUTICAL COMPLEXES**
[54] **COMPLEXES RADIOPHARMACEUTIQUES**
[72] LINDEN, LARS, DE
[72] CUTHBERTSON, ALAN, NO
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] BAYER AS, NO
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[25] FR
[54] **BILLES SOLUBLES POUR LA PREPARATION DE SOLUTIONS**
[54] **SOLUBLE BALLS FOR PREPARING SOLUTIONS**
[72] FORTIN, TANGUY, FR
[72] BARDET, CHLOE, FR
[72] BIARC, JORDANE, FR
[71] ANAQUANT, FR
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[25] EN
[54] **DEVICE AND METHOD FOR CONFIGURING A MULTIVALENT ENERGY SUPPLY INSTALLATION**
[54] **DISPOSITIF ET PROCEDE DE CONFIGURATION D'UNE INSTALLATION D'ALIMENTATION EN ENERGIE MULTIVALENTE**
[72] ARNOLD, CHRISTIAN, DE
[72] BOCK, MARTIN, DE
[72] GRAD, ANDREJ, DE
[72] MAURER, TOBIAS, DE
[72] OSTERLOH, REINHARD, DE
[72] TIMMERMANN, JORG, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
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[25] EN
[54] **CRYSTALLINE FORMS OF HYDROCHLORIDE OF DRUG FOR TREATING OR PREVENTING JAK-ASSOCIATED DISEASE AND PREPARATION METHOD THEREOF**
[54] **CRISTAL DE SEL DE CHLORHYDRATE D'UN MEDICAMENT POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES ASSOCIEES A JAK, ET PROCEDE DE PREPARATION DE CE DERNIER**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] LIU, KAI, CN
[72] ZHANG, XIAOYU, CN
[71] CRYSTAL PHARMATECH CO., LTD, CN
[85] 2018-09-21
[86] 2017-03-21 (PCT/CN2017/077492)
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[54] **ANTITUBERCULOSIS AGENT**
[54] **AGENT ANTITUBERCULEUX**
[72] BALLELL PAGES, LLUIS, ES
[72] BARROS AGUIRRE, DAVID, ES
[72] BATES, ROBERT H, ES
[72] CASTRO PICHEL, JULIA, ES
[72] ESQUIVIAS PROVENCIO, JORGE, ES
[72] PETHE, KEVIN, SG
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-09-21
[86] 2017-03-20 (PCT/EP2017/056565)
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[25] EN
[54] **AUTO-DIAGNOSTIC NFC READER**
[54] **LECTEUR DE COMMUNICATION EN CHAMP PROCHE (NFC) D'AUTO-DIAGNOSTIC**
[72] THOUIN, PHILIPPE, US
[71] CUBIC CORPORATION, US
[85] 2018-09-20
[86] 2017-04-14 (PCT/US2017/027567)
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[25] EN
[54] **AN ARRANGEMENT FOR CATV NETWORK**
[54] **AGENCEMENT DESTINE A UN RESEAU CATV**
[72] MAKI, KARI, FI
[72] LUMMEJOKI, TIMO, FI
[72] MAKIRANTA, ANSSI, FI
[71] TELESTE OYJ, FI
[85] 2018-09-21
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[25] EN
[54] **MAGAZINE FOR EMBOSSING ROLLERS AND EMBOSSING DEVICE COMPRISING THE MAGAZINE**
[54] **MAGASIN POUR ROULEAUX DE GAUFRAGE ET DISPOSITIF DE GAUFRAGE COMPRENANT LE MAGASIN**
[72] PAOLINELLI, ALESSIO, IT
[72] MUCHETTI, ALESSANDRO, IT
[72] RICCI, MAURO, IT
[71] FABIO PERINI S.P.A., IT
[85] 2018-09-21
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[51] **Int.Cl. A61B 5/151 (2006.01)**
[25] EN
[54] **AN IMPROVED DISPOSAL PUNCTURE DEPTH ADJUSTABLE SAFETY LANCET**
[54] **AIGUILLE JETABLE AMELIOREE DE PRISE DE SANG SANS DANGER A PROFONDEUR DE PERFORATION REGLABLE**
[72] SHI, GUOPING, CN
[71] STERILANCE MEDICAL (SUZHOU) INC., CN
[85] 2018-09-21
[86] 2017-03-21 (PCT/CN2017/077518)
[87] (WO2017/162141)
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[25] EN
[54] **CONTACT LENS BLISTER PACKAGE, BASE MEMBER FOR A CONTACT LENS BLISTER, SEALING MEMBER FOR A CONTACT LENS BLISTER AND RELATED METHODS**
[54] **EMBALLAGE-COQUE DE LENTILLE DE CONTACT, ELEMENT DE BASE POUR UNE COQUE DE LENTILLE DE CONTACT, ELEMENT D'ETANCHEITE POUR UNE COQUE DE LENTILLE DE CONTACT ET PROCEDES ASSOCIES**
[72] OAG, ROBERT, GB
[72] FIELDHOUSE, ADAM, IE
[71] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
[85] 2018-09-21
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[25] EN
[54] **INFUSION CATHETER AND METHOD OF USE**
[54] **CATHETER DE PERFUSION ET SON PROCEDE D'UTILISATION**
[72] BASHIR, RIYAZ, US
[72] GREEN, NICHOLAS A., US
[71] TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-09-20
[86] 2017-04-15 (PCT/US2017/027828)
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[30] US (62/322,881) 2016-04-15
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[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING GLUCAGON-LIKE PEPTIDES**
[54] **PROCEDE DE PREPARATION DE PEPTIDES DE TYPE GLUCAGON**
[72] LOIDL, GUNTHER, DE
[72] NEUHAUS, BENJAMIN, CH
[72] SCHONLEBER, RALPH O., CH
[72] STADELMAIER, ANDREAS, DE
[71] BACHEM HOLDING AG, CH
[85] 2018-09-21
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[25] EN
[54] **OPHTHALMIC COMPOSITION COMPRISING A SYNERGISTIC COMBINATION OF GLYCOGEN AND HYALURONIC ACID OR A SALT THEREOF**
[54] **COMPOSITION OPHTALMIQUE COMPRENANT UNE COMBINAISON SYNERGIQUE DE GLYCOGENE ET D'ACIDE HYALURONIQUE OU D'UN SEL DE CELUI-CI**
[72] LIBERATI, ELISA, IT
[72] RUSSO, VINCENZO, IT
[72] RAGNI, LORELLA, IT
[72] SANTO, GIUSEPPE, IT
[72] TONGIANI, SERENA, IT
[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F.S.P.A., IT
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[25] EN
[54] **LINEAR ACTUATOR**
[54] **ACTIONNEUR LINEAIRE**
[72] CACCIA, ALEX, GB
[72] THOMAS, ADRIAN, GB
[71] ANIMAL DYNAMICS LIMITED, GB
[85] 2018-09-21
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[25] EN
[54] **SYSTEMS AND METHODS FOR CALIBRATING AND CORRECTING A SPECKLE CONTRAST FLOWMETER**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'ETALONNER ET DE CORRIGER UN DEBITMETRE A CONTRASTE DE CHATOIEMENT**
[72] YANG, BRUCE YEE, US
[72] RICE, TYLER BYWATERS, US
[72] WHITE, SEAN MICHAEL, US
[71] LASER ASSOCIATED SCIENCES, INC., US
[85] 2018-09-20
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[25] EN
[54] **MOISTURE CURABLE COMPOSITIONS**
[54] **COMPOSITIONS DURCISSANT A L'HUMIDITE**
[72] DEI SANTI, DAVIDE, BE
[72] GUBBELS, FREDERIC, BE
[71] DOW SILICONES CORPORATION, US
[85] 2018-09-21
[86] 2017-03-23 (PCT/EP2017/057019)
[87] (WO2017/162839)
[30] GB (1604971.0) 2016-03-23

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[51] **Int.Cl. G01N 1/44 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROCESSING SLIDE SPECIMEN THEREOF**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE LAMES D'ECHANTILLON**
[72] GUO, JAMES, CN
[72] GUO, DEREK, CN
[71] XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD., CN
[85] 2018-09-21
[86] 2017-03-21 (PCT/CN2017/077571)
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[30] CN (201610160797.0) 2016-03-21
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[51] **Int.Cl. A61F 2/44 (2006.01)**
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[54] **ADJUSTABLE SPINAL CAGE**
[54] **CAGE VERTEBRALE REGLABLE**
[72] ARNIN, URI, IL
[71] APIFIX LTD., IL
[85] 2018-09-21
[86] 2016-03-30 (PCT/IB2016/051800)
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[25] EN
[54] **USE OF PROBIOTICS IN THE TREATMENT AND/OR PREVENTION OF PSORIASIS**
[54] **UTILISATION DE PROBIOTIQUES DANS LE TRAITEMENT ET/OU LA PREVENTION DU PSORIASIS**
[72] NAVARRO LOPEZ, VICENTE MANUEL, ES
[72] RAMIREZ BOSCA, ANA ADELA, ES
[72] PEREZ ORQUIN, JOSE MANUEL, ES
[72] RAMON VIDAL, DANIEL, ES
[72] GENOVES MARTINEZ, SALVADOR, ES
[72] CHENOLL CUADROS, MARIA EMPAR, ES
[72] CODONER CORTES, FRANCISCO MANUEL, ES
[71] BIONOU RESEARCH, S.L., ES
[71] KOROTT, S.L, ES
[71] BIOPOLIS, S.L., ES
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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **SEARCH SPACE DESIGN FOR CONTROL CHANNEL IN WIRELESS COMMUNICATION**
[54] **CONCEPTION D'ESPACE DE RECHERCHE POUR CANAL DE COMMANDE DANS UNE COMMUNICATION SANS FIL**
[72] YANG, YANG, US
[72] LUO, TAO, US
[72] ANG, PETER PUI LOK, US
[72] JIANG, JING, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-20
[86] 2017-04-28 (PCT/US2017/030233)
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[30] US (62/330,349) 2016-05-02
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[25] EN
[54] **PURIFICATION OF GLUCAGON-LIKE PEPTIDE 1 ANALOGS**
[54] **PURIFICATION D'ANALOGUES DE PEPTIDE 1 TYPE GLUCAGON**
[72] STADELMAIER, ANDREAS, DE
[72] SCHONLEBER, RALPH O., CH
[72] SAMSON, DANIEL, CH
[72] DETTNER, FRANK, CH
[71] BACHEM HOLDING AG, CH
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[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **METERED DOSE INHALER ADD-ON DEVICE, OBSERVANCE IMPROVEMENT SYSTEM AND METHOD FOR IMPROVING OBSERVANCE OF USE IN METERED DOSE INHALERS**
[54] **DISPOSITIF ADDITIONNEL D'AEROSOL-DOSEUR, SYSTEME D'AMELIORATION D'OBSERVANCE ET PROCEDE D'AMELIORATION DE L'OBSERVANCE D'UTILISATION DANS DES AEROSOLS-DOSEURS**
[72] MARCOZ, ALAIN, FR
[72] JEZ, EMMANUEL, FR
[72] DIOGO, SYLVAIN, FR
[72] GOURBET, PATRICE, FR
[72] PEREIRA, ALEXANDRE, FR
[72] POLLARD, MATHIEU, FR
[72] GILLET, KEVIN, FR
[71] BIOCORP PRODUCTION S.A, FR
[85] 2018-09-21
[86] 2016-04-12 (PCT/IB2016/052070)
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[51] **Int.Cl. A61L 27/18 (2006.01) A61L 27/10 (2006.01) A61L 27/12 (2006.01) A61L 27/26 (2006.01) A61L 27/54 (2006.01) A61L 27/56 (2006.01) C08L 67/04 (2006.01) C08L 71/02 (2006.01)**
[25] EN
[54] **SCAFFOLDING MATERIAL, METHODS AND USES**
[54] **MATERIAU D'ECHAFAUDAGE, PROCEDES ET UTILISATIONS**
[72] LEONARDI, ANTONIO, GB
[72] COX, HELEN C., GB
[72] CAREY, SIOBHAN, GB
[72] MATTHEWS, CHARLES, GB
[72] LOMAS, ALEXANDER, GB
[72] SHAKESHEFF, KEVIN M, GB
[72] QUIRK, ROBIN A, GB
[71] LOCATE THERAPEUTICS LIMITED, GB
[85] 2018-09-21
[86] 2017-03-23 (PCT/GB2017/050815)
[87] (WO2017/163072)
[30] GB (1605122.9) 2016-03-24
[30] GB (1606395.0) 2016-04-13

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[51] **Int.Cl. A61M 16/10 (2006.01) A61M 16/06 (2006.01) C01B 13/02 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **HYPOXIA TRAINING DEVICE**
[54] **DISPOSITIF D'ENTRAINEMENT A L'HYPOXIE**
[72] REEH, JONATHAN, US
[72] WAJE, MAHESH, US
[72] KESMEZ, MEHMET, US
[72] SALINAS, CARLOS, US
[72] VARUGHESE, JIBI, US
[72] ZBRANEK, JOHN, US
[72] COCKING, SETH, US
[72] BALASUBRAMANIAN, ASHWIN, US
[72] TEURMAN, CORY, US
[72] NETHERLAND, JAMES, US
[72] HITCHENS, GEOFFREY DUNCAN, US
[71] LYNNTECH, INC., US
[85] 2018-09-20
[86] 2017-05-02 (PCT/US2017/030634)
[87] (WO2017/196588)
[30] US (62/336,426) 2016-05-13
[30] US (15/584,887) 2017-05-02

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[51] **Int.Cl. A61F 13/551 (2006.01) A61F 13/26 (2006.01) A61F 13/34 (2006.01)**
[25] EN
[54] **PACKAGE ASSEMBLY FOR OR WITH A TAMPON APPLICATOR**
[54] **EMBALLAGE POUR APPLICATEURS DE TAMPONS**
[72] BUELL, SEZEN, US
[72] DEOLIVEIRA, RICARDO, US
[72] TIMMERS, RICHARD, US
[72] NIGAM, PANKAJ, US
[72] ABDUL, ADEYINKA, US
[72] BURKHARDT, PHILIP, US
[72] OSIECKI, SCOTT, US
[72] HILLEGASS, KYLE, US
[72] FEDORA, JOSEPH, US
[71] EDGEWELL PERSONAL CARE BRANDS, LLC, US
[85] 2018-09-20
[86] 2017-06-23 (PCT/US2017/039092)
[87] (WO2017/223500)
[30] US (15/191,647) 2016-06-24
[30] EP (16176207.5) 2016-06-24

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[13] A1
[51] **Int.Cl. G01N 1/44 (2006.01)**
[25] EN
[54] **HEAT TREATMENT DEVICE FOR SLIDE SPECIMEN TESTING**
[54] **DISPOSITIF DE TRAITEMENT THERMIQUE POUR TEST D'ECHANTILLON DE LAME**
[72] GUO, JAMES, CN
[72] GUO, DEREK, CN
[71] XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD., CN
[85] 2018-09-21
[86] 2017-03-21 (PCT/CN2017/077572)
[87] (WO2017/162150)
[30] CN (201610160797.0) 2016-03-21
[30] CN (201610798074.3) 2016-08-31

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[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C02F 5/00 (2006.01) C02F 1/48 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING WATER HARDNESS IN A DWELLING**
[54] **PROCEDE ET DISPOSITIF DE REGULATION DE LA DURETE DE L'EAU POUR UNE HABITATION**
[72] SONNAY, GILBERT, CH
[71] SONATEC-INTER SARL, CH
[85] 2018-09-21
[86] 2016-10-31 (PCT/IB2016/056550)
[87] (WO2017/168223)
[30] CH (PCT/CH2016/000052) 2016-03-29

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[13] A1
[51] **Int.Cl. A61K 31/496 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **USE OF MASITINIB FOR TREATMENT OF AN AMYOTROPHIC LATERAL SCLEROSIS PATIENT SUBPOPULATION**
[54] **UTILISATION DE MASITINIB POUR LE TRAITEMENT D'UNE SOUS-POPULATION DE PATIENTS ATTEINTS DE SCLEROSE LATERALE AMYOTROPHIQUE**
[72] MOUSSY, ALAIN, FR
[72] KINET, JEAN-PIERRE, US
[72] MANSFIELD, COLIN, FR
[71] AB SCIENCE, FR
[85] 2018-09-21
[86] 2017-03-24 (PCT/EP2017/057134)
[87] (WO2017/162884)
[30] EP (16162490.3) 2016-03-25

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/728 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **STORAGE STABLE, OPHTHALMIC COMPOSITION**
[54] **COMPOSITION OPHTALMIQUE STABLE AU STOCKAGE**
[72] BELLMANN, GUNTHER, DE
[72] KROHNE, LUTZ, DE
[71] DR. GERHARD MANN CHEM.-PHARM. FABRIK GMBH, DE
[85] 2018-09-21
[86] 2017-04-12 (PCT/EP2017/058825)
[87] (WO2017/178544)
[30] EP (16165546.9) 2016-04-15

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[51] **Int.Cl. A61K 35/19 (2015.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **PREPARATION OF PLATELET PELLET LYSATE AND ITS USE FOR TREATING NEUROLOGICAL DISORDERS**
[54] **PREPARATION DE LYSAT PLAQUETTAIRE ET SON USAGE POUR LE TRAITEMENT DE DESORDRES NEUROLOGIQUES**
[72] DEVOS, DAVID, FR
[72] BURNOUF, THIERRY, FR
[72] DEVEDJIAN, JEAN-CHRISTOPHE, FR
[72] CHOU, MING-LI, TW
[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE LILLE (CHRU), FR
[71] UNIVERSITE DE LILLE 2 DROIT ET SANTE, FR
[71] UNIVERSITE DU LITTORAL COTE D'OPALE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] TAIPEI MEDICAL UNIVERSITY, TW
[85] 2018-09-21
[86] 2017-03-23 (PCT/EP2017/057004)
[87] (WO2017/162830)
[30] EP (16305332.5) 2016-03-23

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[51] **Int.Cl. G01N 1/28 (2006.01)**
[25] EN
[54] **FULLY-AUTOMATED BIOLOGICAL SLIDE SPECIMEN PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'ECHANTILLON DE LAME BIOLOGIQUE ENTIEREMENT AUTOMATISE**
[72] GUO, JAMES, CN
[72] GUO, DEREK, CN
[71] XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD., CN
[85] 2018-09-21
[86] 2017-03-21 (PCT/CN2017/077573)
[87] (WO2017/162151)
[30] CN (201610160797.0) 2016-03-21
[30] CN (201610793736.8) 2016-08-31

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[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **TELEGRAM SPLITTING TRANSMISSION METHOD FOR BIDIRECTIONAL NETWORKS**
[54] **PROCEDE DE TRANSMISSION D'UN TELEGRAMME PAR REPARTITION POUR LES RESEAUX BIDIRECTIONNELS**
[72] BERNHARD, JOSEF, DE
[72] WECHSLER, JOHANNES, DE
[72] KILIAN, GERD, DE
[72] KNEISSL, JAKOB, DE
[72] ROBERT, JOERG, DE
[72] HEUBERGER, ALBERT, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUND DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
[85] 2018-09-21
[86] 2017-03-22 (PCT/EP2017/056829)
[87] (WO2017/162740)
[30] DE (10 2016 205 052.4) 2016-03-24

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[51] **Int.Cl. B29C 67/00 (2017.01) B33Y 80/00 (2015.01) C06B 21/00 (2006.01)**
[25] EN
[54] **ENERGETIC MATERIALS**
[54] **MATERIAUX ENERGETIQUES**
[72] STRAATHOF, MICHIEL HANNES, NL
[72] VAN DRIEL, CHRISTOFFEL ADRIANUS, NL
[72] TEN CATE, AAFKE TESSA, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2018-09-21
[86] 2017-03-22 (PCT/NL2017/050174)
[87] (WO2017/164731)
[30] EP (16161647.9) 2016-03-22

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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **TELEGRAM SPLITTING TRANSMISSION METHOD FOR BI-DIRECTIONAL NETWORKS**
[54] **PROCEDE DE TRANSMISSION PAR DIVISION DE TELEGRAMMES POUR DES RESEAUX BIDIRECTIONNELS**
[72] BERNHARD, JOSEF, DE
[72] WECHSLER, JOHANNES, DE
[72] KILIAN, GERD, DE
[72] KNEISSL, JAKOB, DE
[72] ROBERT, JOERG, DE
[72] HEUBERGER, ALBERT, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
[85] 2018-09-21
[86] 2017-03-22 (PCT/EP2017/056832)
[87] (WO2017/162742)
[30] DE (10 2016 205 054.0) 2016-03-24

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) H02J 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A MULTIVALENT ENERGY SUPPLY INSTALLATION**
[54] **PROCEDE POUR COMMANDER UNE INSTALLATION D'ALIMENTATION EN ENERGIE POLYVALENTE**
[72] ARNOLD, CHRISTIAN, DE
[72] BOCK, MARTIN, DE
[72] GRAD, ANDREJ, DE
[72] MAURER, TOBIAS, DE
[72] OSTERLOH, REINHARD, DE
[72] TIMMERMANN, JORG, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
[85] 2018-09-21
[86] 2017-03-23 (PCT/EP2017/056925)
[87] (WO2017/162792)
[30] DE (10 2016 205 035.4) 2016-03-24

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) H02J 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A POWER SUPPLY SYSTEM**
[54] **PROCEDE DE COMMANDE D'UN SYSTEME D'ALIMENTATION EN ENERGIE ELECTRIQUE**
[72] ARNOLD, CHRISTIAN, DE
[72] BOCK, MARTIN, DE
[72] GRAD, ANDREJ, DE
[72] MAURER, TOBIAS, DE
[72] OSTERLOH, REINHARD, DE
[72] TIMMERMANN, JORG, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
[85] 2018-09-21
[86] 2017-03-23 (PCT/EP2017/056927)
[87] (WO2017/162793)
[30] DE (10 2016 205 036.2) 2016-03-24

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) H02J 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A MULTIVALENT POWER SUPPLY SYSTEM**
[54] **PROCEDE DE COMMANDE D'UNE INSTALLATION DE DISTRIBUTION D'ENERGIE MULTIVALENTE**
[72] ARNOLD, CHRISTIAN, DE
[72] BOCK, MARTIN, DE
[72] GRAD, ANDREJ, DE
[72] MAURER, TOBIAS, DE
[72] OSTERLOH, REINHARD, DE
[72] TIMMERMANN, JORG, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
[85] 2018-09-21
[86] 2017-03-23 (PCT/EP2017/056928)
[87] (WO2017/162794)
[30] DE (10 2016 205 028.1) 2016-03-24

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[13] A1
[51] **Int.Cl. A61G 3/06 (2006.01) A61G 3/02 (2006.01)**
[25] EN
[54] **VEHICLE, SUCH AS A CAR, CAMPER OR VAN, AND CARRIER WITH DRIVE MEANS**
[54] **VEHICULE, TEL QU'UNE VOITURE, UN CAMPING-CAR OU UN FOURGON, ET SUPPORT DOTE DE MOYENS D'ENTRAINEMENT**
[72] WEERSINK, RENE TARCISIUS WIRO, NL
[71] WEERSINK, RENE TARCISIUS WIRO, NL
[85] 2018-09-21
[86] 2017-03-24 (PCT/NL2017/050188)
[87] (WO2017/164744)
[30] NL (2016490) 2016-03-24

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[51] **Int.Cl. G06T 17/05 (2011.01) G01C 15/00 (2006.01) G01S 7/497 (2006.01) G01S 17/89 (2006.01) G06T 17/00 (2006.01) G06T 19/20 (2011.01)**
[25] EN
[54] **A METHOD FOR GENERATING A 3D COMBINED MODEL THAT REPRESENTS A SCENE**
[54] **PROCEDE DE PRODUCTION D'UN MODELE 3D COMBINE REPRESENTANT UNE SCENE**
[72] BERGQVIST, GORAN, SE
[71] ADVANCED TECHNICAL SOLUTIONS IN SCANDINAVIA AB, SE
[85] 2018-09-21
[86] 2017-03-28 (PCT/SE2017/050297)
[87] (WO2017/176191)
[30] SE (1630076-6) 2016-04-06

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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/397 (2006.01) A61K 31/575 (2006.01) A61P 1/16 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION AND USE THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE ET SES UTILISATIONS**
[72] LIU, XIAOYU, CN
[72] ZHANG, FAMING, CN
[72] CUI, JIAN, CN
[72] ZHANG, SIHAN, CN
[72] WANG, HUOJIAN, CN
[72] MENG, YUAN, CN
[72] LENG, ZHENGWEN, CN
[72] QIAN, LINA, CN
[71] WATERSTONE PHARMACEUTICALS (WUHAN) CO., LTD., CN
[85] 2018-09-21
[86] 2017-03-24 (PCT/CN2017/078183)
[87] (WO2017/162211)
[30] CN (201610173317.4) 2016-03-24

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[13] A1
[51] **Int.Cl. B29B 9/06 (2006.01) B29B 9/12 (2006.01) B29B 9/16 (2006.01) F26B 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR HYDRAULIC CONVEYING OF POLYOLEFIN PELLETS**
[54] **PROCEDE DE TRANSPORT HYDRAULIQUE DE GRANULES DE POLYOLEFINE**
[72] RASANEN, JUKKA, FI
[72] ZITTING, SAMULI, FI
[72] SLEIJSTER, HENRY, NL
[72] BERGSTRA, MICHIEL, BE
[72] VIJAY, SAMEER, AT
[71] BOREALIS AG, AT
[85] 2018-09-21
[86] 2017-05-09 (PCT/EP2017/060968)
[87] (WO2017/194488)
[30] EP (16169647.1) 2016-05-13

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[13] A1
[51] **Int.Cl. C07D 275/02 (2006.01) A61K 31/425 (2006.01) A61K 31/433 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SULTAM COMPOUND AND APPLICATION METHOD THEREOF**
[54] **COMPOSE SULTAME ET SON PROCEDE D'APPLICATION**
[72] ZHU, LI, CN
[72] DUAN, XIAOWEI, CN
[72] DAI, LIGUANG, CN
[72] YANG, ZHAO, CN
[72] YANG, YANQING, CN
[72] ZHANG, HUI, CN
[72] HU, YUANDONG, CN
[72] PENG, YONG, CN
[72] HAN, YONGXIN, CN
[72] ZHAO, RUI, CN
[72] TIAN, XIN, CN
[72] WANG, SHANCHUN, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[71] LIANYUNGANG RUNZHONG PHARMACEUTICAL CO., LTD., CN
[71] CENTAURUS BIOPHARMA CO., LTD., CN
[85] 2018-09-21
[86] 2017-03-22 (PCT/CN2017/077612)
[87] (WO2017/162157)
[30] CN (201610165138.6) 2016-03-22

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[13] A1
[51] **Int.Cl. F42B 5/16 (2006.01) C06B 45/00 (2006.01) C06B 45/12 (2006.01)**
[25] EN
[54] **PROPELLANT CHARGE OR GRAIN**
[54] **BLOC OU GRAIN DE POUDRE**
[72] STRAATHOF, MICHIEL HANNES, NL
[72] VAN DRIEL, CHRISTOFFEL ADRIANUS, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2018-09-21
[86] 2017-03-22 (PCT/NL2017/050175)
[87] (WO2017/164732)
[30] EP (16161643.8) 2016-03-22

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[13] A1
[51] **Int.Cl. A01N 25/22 (2006.01) A01N 47/30 (2006.01) A01N 47/34 (2006.01) A01N 47/36 (2006.01)**
[25] EN
[54] **LIQUID SULFONYLUREA-AND LI-SALT CONTAINING HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES CONTENANT DE LA SULFONYLUREE LIQUIDE ET DU SEL DE LI**
[72] GOLDSMITH, ANDREW, GB
[72] GROOME, JOHN, GB
[71] BATTELLE UK LIMITED, GB
[71] MITSUI AGRISCIENCE INTERNATIONAL S.A./N.V., IE
[85] 2018-09-21
[86] 2017-06-21 (PCT/EP2017/065289)
[87] (WO2017/220680)
[30] EP (16175549.1) 2016-06-21
[30] EP (17156451.1) 2017-02-16

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/064 (2006.01) A61B 17/42 (2006.01)**
[25] EN
[54] **SURGICAL FASTENING DEVICE**
[54] **DISPOSITIF DE FIXATION CHIRURGICALE**
[72] LEVY, ARIE, IL
[72] LEVIN, YEHONATAN, IL
[72] LEVIN, OFEK, IL
[72] LEVIN, LENA, IL
[71] VIA SURGICAL LTD., IL
[85] 2018-09-21
[86] 2017-03-10 (PCT/IB2017/000278)
[87] (WO2017/163119)
[30] US (62/312,597) 2016-03-24

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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD FOR QUANTITATIVE ASSESSMENT IN BIOLOGICAL SAMPLE OF THE PHOSPHORYLATED AND NON-PHOSPHORYLATED FORM OF RKIP**
[54] **PROCEDE D'EVALUATION QUANTITATIVE DANS UN ECHANTILLON BIOLOGIQUE DE LA FORME PHOSPHORYLEE ET NON PHOSPHORYLEE DE RKIP**
[72] PAPALE, MASSIMO, IT
[71] FLUIDIA S.R.L., IT
[85] 2018-09-21
[86] 2017-03-21 (PCT/IB2017/051628)
[87] (WO2017/163179)
[30] IT (102016000029228) 2016-03-21

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[13] A1
[51] **Int.Cl. F24F 3/16 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **MECHANICAL SYSTEM FOR CAPTURING AND TRANSFORMING POLLUTANT GASES AND AIR PURIFICATION METHOD**
[54] **SYSTEME MECANIQUE DE CAPTURE ET DE TRANSFORMATION DE GAZ CONTAMINANTS ET METHODE D'EPURATION DE L'AIR**
[72] ALMARZA CASTILLO, JORGE LUIS, VE
[72] CUADROS ANDRADE, JHOSMER ANDERSON, VE
[72] ZHOU, CHUCHENG, VE
[72] LARRAZABAL MOGOLLON, ERNESTO ENRIQUE, VE
[71] ECOLOGICAL WORLD FOR LIFE S.A.S, CO
[85] 2018-09-21
[86] 2017-02-07 (PCT/IB2017/050653)
[87] (WO2017/163135)
[30] CO (16 072111) 2016-03-22

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[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENT HAVING CUTTING ASSEMBLY WITH GRIP**
[54] **INSTRUMENT CHIRURGICAL AYANT UN ENSEMBLE DE COUPE AVEC POIGNEE**
[72] CUSHEN, PATRICK, IE
[72] CURTIN, DAMIAN MICHAEL, IE
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2018-09-21
[86] 2017-03-24 (PCT/IB2017/051723)
[87] (WO2017/163226)
[30] US (62/312,675) 2016-03-24

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[13] A1
[51] **Int.Cl. C09D 5/18 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF FIRE IMPREGNATION SUBSTANCE, MAINLY FOR CONSTRUCTION PRODUCTS, FIRE IMPREGNATION SUBSTANCE AND USE OF THEREOF**
[54] **PROCEDE DE PRODUCTION D'UNE SUBSTANCE D'IMPREGNATION IGNIFUGE, PRINCIPALEMENT POUR DES PRODUITS DE CONSTRUCTION, SUBSTANCE D'IMPREGNATION IGNIFUGE ET SON UTILISATION**
[72] VYLIMEC, JIRI, SK
[72] MAGDINA, ROMAN, SK
[71] VYLIMEC, JIRI, SK
[71] MAGDINA, ROMAN, SK
[85] 2018-09-21
[86] 2017-04-15 (PCT/IB2017/052181)
[87] (WO2017/179029)
[30] SK (50019-2016) 2016-04-16

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[13] A1
[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **A DRYER FOR DRYING COMPRESSED GAS AND METHOD OF REGENERATING A DESICCANT MATERIAL COMPRISED WITHIN SAID DRYER**
[54] **SECHOIR PERMETTANT DE SECHER UN GAZ COMPRIME ET PROCEDE DE REGENERATION DE MATERIAU DESHYDRATANT COMPRIS DANS LEDIT SECHOIR**
[72] HERMANS, HANS MARIA KAREL, BE
[72] CARPELS, DIRK EMIEL E, BE
[71] ATLAS COPCO AIRPOWER, NV, BE
[85] 2018-09-21
[86] 2017-03-28 (PCT/IB2017/051752)
[87] (WO2017/175093)
[30] US (62/320,176) 2016-04-08
[30] BE (2016/5906) 2016-12-07

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[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01)**
[25] EN
[54] **RESILIENT FIXING ELEMENT AND A SKIRTING BOARD FIXING SYSTEM COMPRISING A SKIRTING BOARD AND SUCH A RESILIENT FIXING ELEMENT**
[54] **ELEMENT DE FIXATION ELASTIQUE, ET SYSTEME DE FIXATION DE PLINTHE COMPRENANT UNE PLINTHE ET UN TEL ELEMENT DE FIXATION**
[72] GALAS, ADAM, PL
[71] GALAS, ADAM, PL
[85] 2018-09-21
[86] 2017-04-04 (PCT/IB2017/051905)
[87] (WO2017/175121)
[30] PL (P416755) 2016-04-05

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[13] A1
[51] **Int.Cl. B60W 40/02 (2006.01) B60W 30/165 (2012.01)**
[25] EN
[54] **COURSE PREDICTION METHOD AND COURSE PREDICTION DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION DE PARCOURS**
[72] UEDA, HIROTOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-21
[86] 2016-03-24 (PCT/JP2016/059396)
[87] (WO2017/163366)

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[54] **DATA PROCESSING APPARATUS, DATA PROCESSING SYSTEM, DATA PROCESSING METHOD, AND STORAGE MEDIUM**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES, SYSTEME DE TRAITEMENT DE DONNEES, PROCEDE DE TRAITEMENT DE DONNEES, ET PROGRAMME**
[72] ENDO, KAORU, JP
[71] NEC CORPORATION, JP
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[51] **Int.Cl. G08G 1/16 (2006.01) G06T 7/60 (2017.01)**
[25] EN
[54] **TRAVEL LANE DETECTION METHOD AND TRAVEL LANE DETECTION DEVICE**
[54] **PROCEDE DE DETECTION DE VOIE DE CIRCULATION ET DISPOSITIF DE DETECTION DE VOIE DE CIRCULATION**
[72] TSUCHIYA, CHIKAO, JP
[72] SANO, YASUHITO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-21
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[54] **TRAVEL LANE DETECTION METHOD AND TRAVEL LANE DETECTION DEVICE**
[54] **APPAREIL ET PROCEDE DE DETECTION DE TRAJET DE DEPLACEMENT**
[72] TSUCHIYA, CHIKAO, JP
[72] SANO, YASUHITO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **TURBINE RING ASSEMBLY WITH NO COLD FITTING PLAY**
[54] **ENSEMBLE D'ANNEAU DE TURBINE SANS JEU DE MONTAGE A FROID**
[72] LEPRETRE, GILLES, FR
[72] TESSON, THIERRY, FR
[72] LYPRENDI, ADELE, FR
[72] REVEL, THOMAS, FR
[71] SAFRAN CERAMICS, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[25] EN
[54] **APPARATUS FOR REMOVING A SECTION OF CASING OR LINING FROM A WELL-BORE, AND METHODS**
[54] **APPAREIL POUR LE RETRAIT D'UNE SECTION DE TUBAGE OU DE CHEMISAGE D'UN PUITS DE FORAGE, ET PROCEDES**
[72] EVERTSEN, STEFFEN, NO
[71] ARDYNE HOLDINGS LIMITED, GB
[85] 2018-09-21
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[54] **SYSTEM AND METHOD FOR ENHANCED CUSTOMER EXPERIENCE WORKFLOW**
[54] **SYSTEME ET PROCEDE POUR SEQUENCE D'OPERATIONS AVEC EXPERIENCE AMELIOREE DU CLIENT**
[72] BEVAN, WAYNE, US
[71] VIRTUAL HOLD TEHNOLOGY, LLC, US
[85] 2018-09-20
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[54] **TRANSPARENT MODULATABLE KAYAK WITH SHADING SYSTEM**
[54] **KAYAK MODULABLE TRANSPARENT DOTE D'UN SYSTEME D'OMBRAGE**
[72] MAIONE, ROBERTO, IT
[72] MAIONE, ANTONIO, IT
[71] MAIONE S.R.L., IT
[85] 2018-09-21
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[54] **OPTICAL FIBER UNIT AND OPTICAL FIBER CABLE**
[54] **UNITE DE FIBRE OPTIQUE ET CABLE A FIBRE OPTIQUE**
[72] ITO, NAOTO, JP
[72] OSATO, KEN, JP
[72] YAMANAKA, MASAYOSHI, JP
[71] FUJIKURA LTD., JP
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[54] **VISCOELASTIC GEL OF LIRAGLUTIDE ADAPTED FOR ONCE-WEEKLY OR ONCE BI-WEEKLY ADMINISTRATION**
[54] **GEL VISCOELASTIQUE DE LIRAGLUTIDE CONCU POUR UNE ADMINISTRATION UNE FOIS PAR SEMAINE OU UNE FOIS TOUTES LES DEUX SEMAINES**
[72] KHOPADE, AJAY JAYSINGH, IN
[72] HALDER, ARINDAM, IN
[72] PATEL, VIVEK, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
[85] 2018-09-21
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[54] **LIT MEDICALISE**
[72] BIHR, WILLIAM, FR
[71] DUPONT MEDICAL, FR
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[25] EN
[54] **PLANT HAVING BLUE FLOWER COLOR AND BREEDING METHOD THEREFOR**
[54] **PLANTE AYANT UNE COULEUR DE FLEURS BLEUE ET SON PROCEDE DE SELECTION**
[72] NODA, NAONOBU, JP
[72] NAKAYAMA, MASAYOSHI, JP
[72] DOUZONO, MITSURU, JP
[72] HONGO, SATOSHI, JP
[72] AIDA, RYUTARO, JP
[72] KATSUMOTO, YUKIHISA, JP
[71] SUNTORY HOLDINGS LIMITED, JP
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[54] **ANTIBODY-DRUG CONJUGATE COMPRISING MODIFIED ANTIBODY**
[54] **CONJUGUE ANTICORPS-MEDICAMENT COMPRENANT UN ANTICORPS MODIFIE**
[72] PARK, SOON JAE, KR
[72] CHUNG, HYE-SHIN, KR
[72] LEE, SUNBAE, KR
[72] BYUN, MINSOO, KR
[71] ALTEOGEN, INC., KR
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[54] **SYSTEMS AND METHODS FOR PROVIDING DATA ANALYTICS FOR VIDEOS BASED ON A TIERED ARCHITECTURE**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UNE ANALYSE DE DONNEES POUR DES VIDEOS SUR LA BASE D'UNE ARCHITECTURE A PLUSIEURS NIVEAUX**
[72] KERETH, LIOR BEN, US
[72] ORTIGOZA PETIT JEAN, ANAID GOMEZ, US
[72] CAO, RUJIN, US
[72] VELUSAMY, MATHUMATHI, US
[72] AWAD, CHRISTINE FARAHAT SEDKY ABOUELKHEL, US
[71] FACEBOOK, INC., US
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[54] **SYSTEMS AND METHODS FOR IDENTIFYING MATCHING CONTENT**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE CONTENUS CORRESPONDANTS**
[72] KERETH, LIOR BEN, US
[72] AMBAR, ERAN, US
[72] KHADKEVICH, MAKSIM, US
[72] BILOBROV, SERGIY, US
[72] LUO, XIAOXI, US
[71] FACEBOOK, INC., US
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[54] **THIN FILM CELL ENCAPSULATION DEVICES**
[54] **DISPOSITIFS D'ENCAPSULATION DE CELLULE A COUCHES MINCES**
[72] DESAI, TEJAL A., US
[72] NYITRAY, CRYSTAL, US
[72] CHANG, RYAN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
[54] **A METHOD AND RELATED SYSTEMS FOR USE WITH A FLUIDICS DEVICE**
[54] **PROCEDE ET SYSTEMES ASSOCIES POUR UTILISATION AVEC UN DISPOSITIF FLUIDIQUE**
[72] MCCLELLAND, RANDALL EDWIN, US
[72] SLOAN, DAVID J., US
[72] JENSEN, TIMOTHY C., US
[72] BUNGER, MAUREEN KAY, US
[71] SCIKON INNOVATION, INC., US
[85] 2018-09-21
[86] 2016-03-23 (PCT/US2016/023844)
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[25] EN
[54] **POWER SUPPLY SYSTEM AND METHOD FOR CONTROLLING SAME**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE ET SON PROCEDE DE COMMANDE**
[72] KOIKE, TOMOYUKI, JP
[72] WATANABE, MUNEMITSU, JP
[72] KOISHI, AKIFUMI, JP
[72] TAHARA, MASAHIKO, JP
[72] TSUCHIYA, TERUMASA, JP
[72] TEZUKA, ATSUSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **DOUGH-BASED FOOD PRODUCT AND METHOD OF PREPARING**
[54] **PRODUIT ALIMENTAIRE A BASE DE PATE ET SON PROCEDE DE PREPARATION**
[72] BAHE, KRISTI L., US
[72] COX, STEVEN J., US
[72] THOMPSON, JEREMY B., US
[71] GENERAL MILLS, INC., US
[85] 2018-09-21
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[54] **ADAPTIVE PENALTY BRAKING FOR LOCOMOTIVE AIR BRAKE SYSTEM**
[54] **FREINAGE DE CONTROLE ADAPTATIF POUR SYSTEME DE FREIN PNEUMATIQUE DE LOCOMOTIVE**
[72] REYNOLDS, JOHN M., US
[72] LEONARD, ERICH, US
[72] LADUC, JOHN W., US
[72] VILAETIS, KONSTANTINOS, US
[71] NEW YORK AIR BRAKE LLC, US
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[25] EN
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[54] **MOTEUR DE RECHERCHE GENOMIQUE, DE METABOLOMIQUE ET MICROBIOMIQUE**
[72] LAVRENKO, VICTOR, US
[72] TELENTI, AMALIO, US
[72] OCH, FRANZ JOSEF, US
[71] HUMAN LONGEVITY, INC., US
[85] 2018-09-21
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[54] **MACHINE D'EXERCICE**
[72] BOSS, DIMITRY, US
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[54] **PROSTATE-SPECIFIC MEMBRANE ANTIGEN TARGETED HIGH-AFFINITY AGENTS FOR ENDORADIOTHERAPY OF PROSTATE CANCER**
[54] **AGENTS A AFFINITE ELEVEE AYANT POUR CIBLE UN ANTIGENE MEMBRANAIRE SPECIFIQUE DE LA PROSTATE, UTILISES POUR L'ENDORADIOTHERAPIE DU CANCER DE LA PROSTATE**
[72] RAY, SANGEETA, US
[72] POMPER, MARTIN G., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[54] **TREATMENTS IN SUBTERRANEAN FORMATIONS USING DEGRADABLE POLYMERS IN ORGANIC SOLVENTS**
[54] **TRAITEMENTS DANS DES FORMATIONS SOUTERRAINES A L'AIDE DE POLYMERES DEGRADABLES DANS DES SOLVANTS ORGANIQUES**
[72] BEUTERBAUGH, AARON MICHAEL, US
[72] REYES, ENRIQUE ANTONIO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-21
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[54] **ELASTIC SLEEVE FOR A POWER CONDUCTOR**
[54] **MANCHON ELASTIQUE POUR CONDUCTEUR D'ALIMENTATION**
[72] GRAVERMANN, MARK, DE
[72] STOLLWERCK, GUNTHER A.J., DE
[72] STALDER, MICHAEL H., DE
[72] LOHMEIER, GERHARD, DE
[72] SCHUBERT, BERND, DE
[72] REEKEN, RAINER, DE
[72] WEICHOLD, JENS, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **APPAREIL ET PROCEDES POUR LA REPARATION DE STRATIFIES COMPOSITES**
[72] HANNA, SAMUEL COLIN, GB
[72] CAMPBELL, WILLIAM CHRISTOPHER, GB
[72] STOESSIGER, MATHEW, US
[72] CROSSTHWAITE, MICHAEL, AU
[71] SHORT BROTHERS PLC, GB
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[25] EN
[54] **IMPROVED STIMULATED BRILLOUIN SCATTERING (SBS) SUPPRESSION IN AN OPTICAL COMMUNICATIONS SYSTEM**
[54] **ELIMINATION AMELIOREE D'UNE DIFFUSION DE BRILLOUIN STIMULEE (SBS) DANS UN SYSTEME DE COMMUNICATION OPTIQUE**
[72] WANG, JUN, US
[72] MUTALIK, VENKATESH G., US
[72] SCHEMMANN, MARCEL F., NL
[72] CHASMAWALA, SHAMSUDDIN H., US
[71] ARRIS ENTERPRISES LLC, US
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[30] US (15/075,512) 2016-03-21

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[54] **ENSEMBLE BIOREACTEUR**
[72] JONS, STEVEN D., US
[72] JOHNSON, JON E., US
[72] ARROWOOD, TINA L., US
[72] REICHERT, MATTHEW D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **PLAYBACK SYNCHRONIZATION AMONG ADAPTIVE BITRATE STREAMING CLIENTS**
[54] **SYNCHRONISATION DE LECTURE PARMI DES CLIENTS DE DIFFUSION EN FLUX CONTINU DE DEBIT BINAIRE ADAPTATIF**
[72] SUN, WENDELL, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2018-09-21
[86] 2017-03-10 (PCT/US2017/021793)
[87] (WO2017/165130)
[30] US (62/311,547) 2016-03-22
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[54] **USER TERMINAL CLAMP**
[54] **DISPOSITIF DE SERRAGE DE TERMINAL UTILISATEUR**
[72] WALLACE, JOHN, US
[71] WORLDVU SATELLITES LIMITED, US
[85] 2018-09-21
[86] 2017-03-21 (PCT/US2017/023379)
[87] (WO2017/165396)
[30] US (62/310,922) 2016-03-21
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[54] **METHODS OF TREATING AUTOIMMUNE DISEASE**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
[72] GOTTLIEB, PETER A., US
[72] MICHELS, AARON, US
[72] ORNDORFF, STEVE, US
[71] IM THERAPEUTICS, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
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[30] US (62/312,702) 2016-03-24

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[25] EN
[54] **METHODS OF TREATING MITOCHONDRIAL DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES MITOCHONDRIAUX**
[72] CHERQUI, STEPHANIE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-09-21
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[30] US (62/312,105) 2016-03-23

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[25] EN
[54] **VAPORIZING DEVICE SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE DISPOSITIF DE VAPORISATION**
[72] MAYLE, CHRIS G., US
[72] SCHEUFLER, STANLEY, US
[71] ADVANCED GROW LABS TECHNOLOGIES, LLC, US
[85] 2018-09-21
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[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **DETERMINATION OF A DOSE SET AND DELIVERED IN A MEDICATION DELIVERY DEVICE**
[54] **DETERMINATION D'UN ENSEMBLE DE DOSES ET DE DOSES DISTRIBUEES DANS UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] BYERLY, ROY H., US
[71] ELI LILLY AND COMPANY, US
[85] 2018-09-21
[86] 2017-03-17 (PCT/US2017/022869)
[87] (WO2017/165207)
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[54] **SEAMLESS CONNECTION TO MULTIPLE WIRELESS CONTROLLERS**
[54] **CONNEXION TRANSPARENTE A DE MULTIPLES CONTROLEURS SANS FIL**
[72] GILL, TIMOTHY, US
[72] ANDERSON, DAVID, US
[72] BANERJEE, AGNIVA, US
[72] EVANS, PARKER, US
[71] LUTRON ELECTRONICS CO., INC., US
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[25] EN
[54] **CONTAINER FOR TRANSPORT AND STORAGE OF FOOD PRODUCTS**
[54] **RECIPIENT POUR LE TRANSPORT ET LE STOCKAGE DE PRODUITS ALIMENTAIRES**
[72] CHIANG, CASPER W., US
[72] MINKLER, DOUGLAS J., US
[72] COLLINS, JULIA, US
[72] GARDEN, ALEXANDER JOHN, US
[72] WAJDA, CHESTER, US
[71] ZUME, INC., US
[85] 2018-09-21
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[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/158 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **ERGONOMIC IV SYSTEMS AND METHODS**
[54] **PROCEDES ET SYSTEMES IV ERGONOMIQUES**
[72] O'BRYAN, JEFFREY C., US
[72] SHEARER, GARY, US
[72] HARDING, WESTON F., US
[71] BECTON, DICKINSON AND COMPANY, US
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[30] US (62/314,260) 2016-03-28
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[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING EQUIPMENT USAGE**
[54] **PROCEDE ET APPAREIL POUR DETERMINER L'USAGE D'UN EQUIPEMENT**
[72] HAILEY, STEPHEN C., US
[72] WILKES, JOHN MATTHEW, US
[72] MCJUNKIN, SAMUEL THOMAS, US
[72] BROCKERT, LANDON EDWARD, US
[71] TESTERS, INC., US
[85] 2018-09-21
[86] 2017-03-22 (PCT/US2017/023606)
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[54] **LIQUID METAL JET OPTIMIZATION IN DIRECT CHILL CASTING**
[54] **OPTIMISATION DE JET DE METAL LIQUIDE EN COULEE SEMI-CONTINUE**
[72] WAGSTAFF, SAMUEL R., CH
[71] NOVELIS INC., US
[85] 2018-09-21
[86] 2017-03-24 (PCT/US2017/024002)
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[25] EN
[54] **SYSTEM AND METHOD FOR INDUCING FLUTING IN A PAPER PRODUCT BY EMBOSSING WITH RESPECT TO MACHINE DIRECTION**
[54] **SYSTEME ET PROCEDE POUR FORMER DES RAINURES PAR GAUFRAGE DANS UN PRODUIT EN PAPIER SELON LE SENS MACHINE**
[72] GREENFIELD, GILES, US
[71] SCORRBOARD, LLC, US
[85] 2018-09-21
[86] 2017-03-22 (PCT/US2017/023611)
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[30] US (15/077,250) 2016-03-22

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[54] **BIOMARKERS OF PROTEOPATHIES AND USES THEREOF**
[54] **BIOMARQUEURS DE PROTEINOPATHIES ET UTILISATIONS ASSOCIEES**
[72] SARDI, SERGIO PABLO, US
[72] SCHERZER, CLEMENS, US
[71] GENZYME CORPORATION, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2018-09-21
[86] 2017-03-24 (PCT/US2017/024012)
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[30] US (62/313,638) 2016-03-25
[30] US (62/372,523) 2016-08-09

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[25] EN
[54] **HOLSTER**
[54] **ETUI DE PISTOLET**
[72] LANCE, TROY E., US
[72] YARBROUGH, LIAM, US
[72] KINCAID, ROBERT, US
[72] SMITH, PAUL N., US
[72] MICHAEL, CHRISTOPHER J., US
[71] VISTA OUTDOOR OPERATIONS LLC, US
[85] 2018-09-21
[86] 2017-03-22 (PCT/US2017/023631)
[87] (WO2017/165547)
[30] US (15/077,583) 2016-03-22
[30] US (62/355,115) 2016-06-27

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[25] EN
[54] **ACTUATING TEXTILES CONTAINING POLYMER FIBER MUSCLES**
[54] **TEXTILES D'ACTIONNEMENT CONTENANT DES MUSCLES MUSCLES A FIBRES POLYMERES**
[72] BAUGHMAN, RAY H., US
[72] GOKTEPE, OZER, TR
[72] GOKTEPE, FATMA, TR
[72] LI, NA, US
[72] FANG, SHAOLI, US
[72] DIAS LIMA, MARCIO, US
[72] HAINES, CARTER S., US
[71] BOARD OF REGENTS, OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-09-21
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[30] US (62/311,274) 2016-03-21
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[51] **Int.Cl. A61K 38/17 (2006.01) A61K 35/17 (2015.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 4/12 (2006.01) C07K 14/47 (2006.01) C07K 16/30 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **NEOANTIGENS AND METHODS OF THEIR USE**
[54] **NEOANTIGENES ET LEURS PROCEDES D'UTILISATION**
[72] ROONEY, MICHAEL STEVEN, US
[71] NEON THERAPEUTICS, INC., US
[85] 2018-09-21
[86] 2017-03-31 (PCT/US2017/025462)
[87] (WO2017/173321)
[30] US (62/316,530) 2016-03-31
[30] US (62/316,533) 2016-03-31
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[25] EN
[54] **ARBITRARY VIEW GENERATION**
[54] **GENERATION DE VUE ARBITRAIRE**
[72] CHUI, CLARENCE, US
[72] PARMAR, MANU, US
[71] OUTWARD, INC., US
[85] 2018-09-21
[86] 2017-03-24 (PCT/US2017/024101)
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[30] US (15/081,553) 2016-03-25

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[25] EN
[54] **COMBINATION FOR TREATING PAIN**
[54] **COMBINAISON POUR TRAITER LA DOULEUR**
[72] WILCOX, GEORGE LATIMER, US
[72] BRUCE, DANIEL JOHN, US
[72] FAIRBANKS, CAROLYN ANN, US
[72] PORTOGHESE, PHILIP S., US
[72] AKGUN, EYUP, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[30] US (62/311,781) 2016-03-22

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[25] EN
[54] **GESTURE-BASED CONTROL DEVICE FOR CONTROLLING AN ELECTRICAL LOAD**
[54] **DISPOSITIF DE COMMANDE BASEE SUR LES GESTES POUR COMMANDER UNE CHARGE ELECTRIQUE**
[72] DIMBERG, CHRIS, US
[72] HARTE, MATTHEW V., US
[72] KILLO, JASON C., US
[72] KRESCHOLLEK, BRAD MICHAEL, US
[72] MCDONALD, MATTHEW PHILIP, US
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-09-21
[86] 2017-03-24 (PCT/US2017/024178)
[87] (WO2017/165865)
[30] US (62/312,863) 2016-03-24
[30] US (62/345,222) 2016-06-03
[30] US (62/345,464) 2016-06-03
[30] US (62/345,449) 2016-06-03
[30] US (62/356,179) 2016-06-29
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[30] US (62/356,288) 2016-06-29
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[51] **Int.Cl. B32B 25/04 (2006.01) B32B 7/04 (2006.01) B32B 7/12 (2006.01) B32B 25/08 (2006.01) B32B 25/14 (2006.01) B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) C09J 133/02 (2006.01) E04D 5/10 (2006.01) E04D 5/14 (2006.01)**
[25] EN
[54] **FULLY-ADHERED ROOF SYSTEM ADHERED AND SEAMED WITH A COMMON ADHESIVE**
[54] **SYSTEME DE TOIT A ADHERENCE TOTALE ADHERANT ET ETANT JOINT GRACE A UN ADHESIF COMMUN**
[72] TANG, JIANSHENG, US
[72] HUBBARD, MICHAEL J., US
[72] KALWARA, JOSEPH, US
[72] WATKINS, CARL E., JR., US
[72] ALEXANDER, BRIAN, US
[72] TAYKOWSKI, TODD D., US
[72] CARR, JOSEPH R., US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2018-09-21
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[30] US (62/313,198) 2016-03-25

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[51] **Int.Cl. H04J 14/02 (2006.01)**
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[54] **BIDIRECTIONAL COMMUNICATION MODULE**
[54] **MODULE DE COMMUNICATION BIDIRECTIONNELLE**
[72] LIN, LEO YU-YU, CN
[72] SHU, HUADE, CN
[72] LI, HUIPING, CN
[72] ZHANG, LI, CN
[72] ZENG, SHANSHAN, CN
[72] LI, GUANGSHENG, CN
[71] FINISAR CORPORATION, US
[85] 2018-09-21
[86] 2017-03-22 (PCT/US2017/023658)
[87] (WO2017/165561)
[30] US (62/311,782) 2016-03-22
[30] US (15/465,443) 2017-03-21

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[51] **Int.Cl. F41A 3/26 (2006.01) F41A 5/18 (2006.01) F41A 21/00 (2006.01) F41A 33/00 (2006.01) F42B 5/02 (2006.01) F42B 8/02 (2006.01)**
[25] EN
[54] **REDUCED ENERGY MSR SYSTEM**
[54] **SYSTEME MSR A ENERGIE REDUITE**
[72] PETERSON, BRYAN P., US
[71] VISTA OUTDOOR OPERATIONS LLC, US
[85] 2018-09-21
[86] 2017-03-27 (PCT/US2017/024361)
[87] (WO2017/172640)
[30] US (62/313,563) 2016-03-25
[30] US (62/348,258) 2016-06-10
[30] US (62/413,065) 2016-10-26

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[51] **Int.Cl. C22C 21/00 (2006.01) C22C 1/02 (2006.01) C22C 21/14 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOYS HAVING IRON, SILICON, VANADIUM AND COPPER, AND WITH A HIGH VOLUME OF CERAMIC PHASE THEREIN**
[54] **ALLIAGES D'ALUMINIUM AYANT DU FER, DU SILICIUM, DU VANADIUM ET DU CUIVRE, ET RENFERMANT UN VOLUME ELEVE DE PHASE CERAMIQUE**
[72] KARABIN, LYNETTE M., US
[72] YANAR, CAGATAY, US
[72] HEARD, DAVID W., US
[72] LIN, JEN C., US
[72] WANG, WEI, US
[71] ARCONIC INC., US
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[54] **CASUAL DRIVER RIDE SHARING**
[54] **PARTAGE DE TRAJET DE CONDUCTEUR OCCASIONNEL**
[72] DRYJANSKI, DAVID, US
[72] POPOV, LEV, US
[72] BROWN, TIMOTHY, US
[72] GREEN, LOGAN, US
[72] BROYLES, AUSTIN, US
[71] LYFT, INC., US
[85] 2018-09-21
[86] 2017-03-29 (PCT/US2017/024829)
[87] (WO2017/172971)
[30] US (62/314,894) 2016-03-29
[30] US (15/143,406) 2016-04-29

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[25] EN
[54] **SIMULTANEOUS WAVEFIELD RECONSTRUCTION AND RECEIVER DEGHOSTING OF SEISMIC STREAMER DATA USING AN L1 INVERSION**
[54] **RECONSTRUCTION DE CHAMP D'ONDE ET SUPPRESSION SIMULTANEE DES IMAGES FANTOMES DU RECEPTEUR DE DONNEES DE FLUTE SISMIQUE EN UTILISANT UNE INVERSION L1**
[72] SUN, YIMIN, NL
[72] VERSCHUUR, DIRK JACOB, NL
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-09-21
[86] 2017-03-23 (PCT/US2017/023787)
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[30] US (62/312,934) 2016-03-24

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[25] EN
[54] **INTERACTIONS WITH 3D VIRTUAL OBJECTS USING POSES AND MULTIPLE-DOF CONTROLLERS**
[54] **INTERACTIONS AVEC DES OBJETS VIRTUELS 3D A L'AIDE DE POSES ET DE CONTROLEURS MULTI-DOF**
[72] POWDERLY, JAMES, US
[72] NILES, SAVANNAH, US
[72] HAMILTON, FRANK, US
[72] FONTAINE, MARSHAL A., US
[72] HOOVER, PAUL ARMISTEAD, US
[71] MAGIC LEAP, INC., US
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[86] 2017-03-29 (PCT/US2017/024844)
[87] (WO2017/172982)
[30] US (62/316,030) 2016-03-31
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[25] FR
[54] **AQUEOUS ADHESIVE COMPOSITION COMPRISING A THERMOSETTING RESIN**
[54] **COMPOSITION ADHESIVE AQUEUSE COMPORTANT UNE RESINE THERMODURCISSABLE**
[72] DOISNEAU, DAVID, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2018-09-21
[86] 2017-04-03 (PCT/FR2017/050775)
[87] (WO2017/168108)
[30] FR (1652895) 2016-04-01

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[25] FR
[54] **AQUEOUS ADHESIVE COMPOSITION COMPRISING A THERMOSETTING RESIN**
[54] **COMPOSITION ADHESIVE AQUEUSE COMPORTANT UNE RESINE THERMODURCISSABLE**
[72] DOISNEAU, DAVID, FR
[72] MICHOUD, CLEMENT, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[25] EN
[54] **TISSUE LOCALIZATION DEVICE AND METHOD OF USE THEREOF**
[54] **DISPOSITIF DE LOCALISATION DE TISSUS ET SON PROCEDE D'UTILISATION**
[72] HERMANN, GEORGE D., US
[72] OLSON, JONATHAN M., US
[72] DREWS, MICHAEL J., US
[72] LEBOVIC, GAIL S., US
[72] WILLIS, DAVID B., US
[71] FOCAL THERAPEUTICS, INC., US
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[87] (WO2017/181136)
[30] US (62/322,729) 2016-04-14
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[51] **Int.Cl. E05B 63/00 (2006.01) E05B 13/00 (2006.01) E05B 55/04 (2006.01) E05C 1/08 (2006.01)**
[25] EN
[54] **PRIVACY LOCK MECHANISM**
[54] **MECANISME DE SERRURE DE CONFIDENTIALITE**
[72] MURPHY, NATHANAEL S., US
[72] MALENKOVIC, PETER, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2018-09-21
[86] 2017-03-23 (PCT/US2017/023805)
[87] (WO2017/165642)
[30] US (62/312,206) 2016-03-23
[30] US (62/311,996) 2016-03-23

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[51] **Int.Cl. H04L 29/08 (2006.01) H04W 48/16 (2009.01) H04W 56/00 (2009.01) H04W 84/20 (2009.01)**
[25] EN
[54] **WORKER SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE DE TRAVAILLEUR**
[72] CROUTHAMEL, L. ROBERT, US
[72] ARUNACHALAM, RAGHU, US
[72] HAAS, BENJAMIN, US
[72] XIN, HENRY, US
[72] MCCRACKEN, LISA, US
[72] JUBECK, SCOTT, US
[72] TIMCO, DANIEL JAMES, US
[71] INDUSTRIAL SCIENTIFIC CORPORATION, US
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[86] 2017-04-19 (PCT/US2017/028320)
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[30] US (62/324,573) 2016-04-19
[30] US (62/364,935) 2016-07-21
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[51] **Int.Cl. E05B 63/00 (2006.01) E05B 15/04 (2006.01)**
[25] EN
[54] **VARIABLE SPRING RATE CHASSIS**
[54] **CHASSIS A CONSTANTE DE RAPPEL VARIABLE**
[72] HOLMAN, MICHAEL, US
[72] MURPHY, NATHANAEL S., US
[72] MALENKOVIC, PETER, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2018-09-21
[86] 2017-03-23 (PCT/US2017/023810)
[87] (WO2017/165644)
[30] US (62/312,178) 2016-03-23
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[51] **Int.Cl. A61L 27/44 (2006.01) A61L 27/26 (2006.01) A61L 27/36 (2006.01) A61L 27/50 (2006.01) C08J 5/18 (2006.01) D06M 15/564 (2006.01)**
[25] EN
[54] **IMPROVED SILK FIBROIN BIOCOMPATIBLE POLYURETHANE MEMBRANES**
[54] **MEMBRANES AMELIOREES COMPOSEES DE POLYURETHANE BIOCOMPATIBLE ET DE FIBROINE**
[72] ATLAS, MARCUS, AU
[72] ALLARDYCE, BENJAMIN, AU
[72] DILLEY, RODNEY, AU
[72] RAJKHOWA, RANGAM, AU
[71] EAR SCIENCE INSTITUTE AUSTRALIA, AU
[71] DEAKIN UNIVERSITY, AU
[85] 2018-09-24
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[54] **MAGASIN DE STOCKAGE D'AIGUILLES AVEC INDICATION D'ETAT**
[72] SRINIVASAN, SUDARSAN, US
[72] SCHIFF, DAVID, US
[72] LAWSON, STEPHAN, US
[72] MCGILL, NICHOLAS HUGH, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **VERROU DE PORTE CONFIGURABLE**
[72] MURPHY, NATHANAEL S., US
[72] HOLMAN, MICHAEL, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2018-09-21
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[25] EN
[54] **ANTIMICROBIAL PEPTIDE STIMULATING SANITIZING COMPOSITION**
[54] **COMPOSITION DESINFECTANTE DE STIMULATION DE PEPTIDES ANTIMICROBIENS**
[72] TIAN, KEGUI, US
[72] TITTL, JESSICA RAE, US
[72] GANTZ, SARAH, US
[71] GOJO INDUSTRIES, INC., US
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[54] **MEDICAL DEVICE WITH ANTI-ROTATION PUSH TAB**
[54] **DISPOSITIF MEDICAL AVEC LANGUETTE DE POUSSEE ANTI-ROTATION**
[72] BORNHOFT, STEPHEN, US
[72] STOUT, MARTY, US
[72] ELLIS, CARL, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **PEN NEEDLE EXCHANGE SYSTEM**
[54] **SYSTEME D'ECHANGE D'AIGUILLE DE STYLO**
[72] SRINIVASAN, SUDARSAN, US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] MONTIDORO, TYSON, US
[72] CHAGNON, JEFFREY, US
[72] RAMEZANIFARD, MOHAMMADREZA, US
[72] GISLER, STEFAN, CH
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2017-03-31 (PCT/US2017/025352)
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[25] EN
[54] **PEN NEEDLE MAGAZINE**
[54] **MAGASIN D'AIGUILLES DE STYLO**
[72] SRINIVASAN, SUDARSAN, US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] MONTIDORO, TYSON, US
[72] CHAGNON, JEFFREY, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **TREATMENT OF SKIN CONDITIONS AND DISEASES ASSOCIATED WITH MICROBIAL BIOFILMS**
[54] **TRAITEMENT DE CONDITIONS ET MALADIES CUTANEES ASSOCIEES A DES PELLICULES BIOLOGIQUES MICROBIENNES**
[72] BENSON, KEITH, US
[71] BIOCLENZ PH LLC, KN
[85] 2018-09-21
[86] 2017-03-23 (PCT/US2017/023879)
[87] (WO2017/165690)
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[54] **MECANISME DE CAPTURE DE CANULE**
[72] BURKHOLZ, JONATHAN KARL, US
[72] SHEVGOOR, SIDDARTH K., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2017-03-17 (PCT/US2017/022934)
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[30] US (62/314,262) 2016-03-28
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[54] **METHODS FOR INHIBITING ANGIOGENESIS IN A SUBJECT IN NEED THEREOF**
[54] **PROCEDES D'INHIBITION D'ANGIOGENESE CHEZ UN SUJET QUI EN A BESOIN**
[72] DEMOPULOS, GREGORY A., US
[72] SCHWAEBLE, HANS-WILHELM, GB
[72] DUDLER, THOMAS, US
[72] TJOELKER, LARRY, US
[71] OMEROS CORPORATION, US
[71] UNIVERSITY OF LEICESTER, GB
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[54] **OPTICAL FIBER SENSOR**
[54] **CAPTEUR A FIBRE OPTIQUE**
[72] MA, YIPING, US
[72] KHANICHEH, AZADEH, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-09-21
[86] 2017-03-17 (PCT/US2017/022937)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF ACTIVE LEUKOCYTE CELLS USING AN ELECTROCHEMICAL ASSAY**
[54] **COMPOSITIONS ET METHODES POUR DETERMINER LA PRESENCE DE CELLULES LEUCOCYTAIRES ACTIVES AU MOYEN D'UNE ANALYSE ELECTROCHIMIQUE**
[72] FLEISCHMAN, ANDREW NEIL, US
[72] PARVIZI, JAVAD, US
[71] PARVIZI SURGICAL INNOVATION, LLC, US
[85] 2018-09-21
[86] 2017-03-17 (PCT/US2017/022976)
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[25] EN
[54] **PIPETTE TIP AND USES AND METHODS THEREOF**
[54] **POINTE DE PIPETTE ET UTILISATIONS ET PROCEDES CORRESPONDANTS**
[72] HILL, JAMES LYNN, DE
[71] DYNABYTE INFORMATIONSSYSTEME GMBH, DE
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[54] **PROCESS FOR PRODUCING EPOXIDIZED POLYMERS**
[54] **PROCEDE DE PRODUCTION DE POLYMERES EPOXYDES**
[72] SAUTY, NICOLAS, US
[72] COLVIN, HOWARD, US
[71] COOPER TIRE & RUBBER COMPANY, US
[85] 2018-09-21
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[25] EN
[54] **FULLY-INTEGRATED PRESSURELESS FLOW-CONTROL MODULE**
[54] **MODULE DE REGULATION DE DEBIT SANS PRESSION ENTIEREMENT INTEGRE**
[72] COOLEY, ROBERT CHARLES, US
[72] MACKEY, DEAN EDWARD, US
[71] COOLEY, ROBERT CHARLES, US
[71] MACKEY, DEAN EDWARD, US
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[87] (WO2017/165719)
[30] US (62/312,313) 2016-03-23

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[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **MEDICAL COMPONENT SECUREMENT DEVICE**
[54] **DISPOSITIF DE FIXATION D'UN COMPOSANT MEDICAL**
[72] ROBINSON, JOHN, US
[71] ROBINSON, JOHN, US
[85] 2018-09-21
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[87] (WO2017/165275)
[30] US (62/311,967) 2016-03-23

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[51] **Int.Cl. F21V 7/06 (2006.01) F21V 7/07 (2006.01) F21V 7/08 (2006.01) F21V 7/09 (2006.01) F21V 13/00 (2006.01) F21V 14/00 (2018.01) F21V 15/01 (2006.01) F21V 17/00 (2006.01)**
[25] EN
[54] **LIGHT FIXTURE WITH NARROW LIGHT DISTRIBUTION**
[54] **APPAREIL D'ECLAIRAGE A DISTRIBUTION DE LUMIERE ETROITE**
[72] STEADMAN, CONNIE ANNA, US
[72] WILCOX, SHAWN ARD, US
[71] HUBBELL INCORPORATED, US
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[86] 2017-03-20 (PCT/US2017/023180)
[87] (WO2017/165280)
[30] US (62/311,068) 2016-03-21

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[25] EN
[54] **SYSTEMS AND METHODS FOR AUGMENTED REALITY**
[54] **SYSTEMES ET PROCEDES POUR LA REALITE AUGMENTEE**
[72] SCHOWENGERDT, BRIAN T., US
[72] WATSON, MATHEW D., US
[71] MAGIC LEAP, INC., US
[85] 2018-09-21
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[30] US (62/319,566) 2016-04-07

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[51] **Int.Cl. B65D 77/06 (2006.01)**
[25] EN
[54] **INLINER FOR A PALLET CONTAINER**
[54] **POCHE POUR CAISSES-PALETTES**
[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2018-09-24
[86] 2016-09-15 (PCT/EP2016/001547)
[87] (WO2017/162258)
[30] DE (20 2016 001 876.1) 2016-03-24

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[51] **Int.Cl. C07D 403/04 (2006.01) C07D 473/34 (2006.01)**
[25] EN
[54] **FUSED HETEROCYCLIC ORGANIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ORGANIQUES HEREROCYCLIQUES FUSIONNES ET LEURS UTILISATIONS**
[72] PERLSTEIN, ETHAN OREN, US
[72] DIPRIMIO, NINA, US
[72] HARTL, TOM AARON, US
[72] IYER, SANGEETHA VENKATRAMAN, US
[72] LUDIN, ALEXANDER JAMES, US
[72] PORTILLO RODRIGUEZ, TAMY MAY SHARLY, US
[72] TUCKER, JOHN ALAN, US
[71] PERLARA PBC, US
[85] 2018-09-21
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[51] **Int.Cl. B65D 77/06 (2006.01)**
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[54] **PALLET CONTAINER**
[54] **CAISSE-PALETTE**
[72] WEYRAUCH, DETLEV, DE
[71] MAUSER-WERKE GMBH, DE
[85] 2018-09-24
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[87] (WO2017/162259)
[30] DE (20 2016 001 876.1) 2016-03-24

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[51] **Int.Cl. A61J 1/10 (2006.01) B65D 30/02 (2006.01) B65D 30/14 (2006.01) B65D 33/01 (2006.01) B65D 85/72 (2006.01)**
[25] EN
[54] **FLUID POUCH WITH INNER MICROSTRUCTURE**
[54] **POCHE DE FLUIDE A MICROSTRUCTURE INTERNE**
[72] DARIN, NEIL, US
[72] NEISEN, DOMINIC, US
[72] HULSEMAN, RALPH, US
[72] MCPHERSON, CAMERON, US
[71] HAVI GLOBAL SOLUTIONS, LLC, US
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[30] US (62/319,563) 2016-04-07

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[51] **Int.Cl. F16C 11/06 (2006.01) B60G 7/00 (2006.01) F16J 3/04 (2006.01)**
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[54] **BOOT FOR A SOCKET ASSEMBLY**
[54] **SOUFFLET D'ENSEMBLE EMBOITURE**
[72] PARKER, GLEN C., US
[72] KOPSIE, ERIC M., US
[72] BYRNES, THOMAS J., JR., US
[71] FEDERAL-MOGUL MOTORPARTS LLC, US
[85] 2018-09-21
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[87] (WO2017/165334)
[30] US (15/077,444) 2016-03-22

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/514 (2006.01)**
[25] EN
[54] **RAPIDLY DEHYDRATING LOST CIRCULATION MATERIAL (LCM)**
[54] **COLMATANT (LCM) A DESHYDRATATION RAPIDE**
[72] AMANULLAH, MD, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-09-21
[86] 2017-04-13 (PCT/US2017/027287)
[87] (WO2017/180796)
[30] US (62/322,044) 2016-04-13
[30] US (15/458,452) 2017-03-14

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[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 90/00 (2016.01) A61B 17/00 (2006.01) A61B 17/17 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENTATION ASSEMBLY, SET AND SURGICAL SHOULDER REPAIR METHOD**
[54] **GROUPE D'INSTRUMENTATION CHIRURGICALE, ENSEMBLE ET PROCEDE CHIRURGICAL DE REPARATION DE L'EPAULE**
[72] HODOREK, BRIAN C., US
[71] TORNIER, INC., US
[85] 2018-09-21
[86] 2017-03-21 (PCT/US2017/023305)
[87] (WO2017/165346)
[30] US (62/313,470) 2016-03-25

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[51] **Int.Cl. G01M 7/02 (2006.01) G01M 1/12 (2006.01)**
[25] EN
[54] **SEISMIC RESPONSE ASSESSMENT OF MAN-MADE STRUCTURES**
[54] **EVALUATION DE REPONSE SISMIQUE DE STRUCTURES FABRIQUEE PAR L'HOMME**
[72] MIRSHAFIEI, FARSHAD, CA
[72] MCCLURE, GHYSLAINE, CA
[71] MIRSHAFIEI, FARSHAD, CA
[71] MCCLURE, GHYSLAINE, CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTONOMOUS DRONE NAVIGATION**
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE NAVIGATION DE DRONE AUTONOME**
[72] PARKER, JON LELAND, US
[72] JOHNSON, CHRISTOPHER M., US
[72] WILLIAMS, EARL OTTO, US
[72] MALIK, JYOTI PRAKASH, US
[72] FOUCHA, NIGEL M., US
[71] WALMART APOLLO, LLC, US
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[87] (WO2017/165383)
[30] US (62/311,060) 2016-03-21

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[25] EN
[54] **IL-21 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS CONTRE IL-21 ET LEURS UTILISATIONS**
[72] BRIGHT, STUART WILLIS, US
[72] COX, KAREN LEIGH, US
[72] DAVIES, JULIAN, US
[72] MACDONALD, ANGUS JOHN, US
[72] MARTIN, ANDREA PAULA, US
[72] POORBAUGH, JOSHUA DADE, US
[72] SCHROEDER, OLIVER, US
[72] SISSONS, SEAN EDWARD, US
[72] WANG, XIAO-FEN, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-09-21
[86] 2017-03-24 (PCT/US2017/023946)
[87] (WO2017/172509)
[30] US (62/316,127) 2016-03-31

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[51] **Int.Cl. A61M 25/06 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **MULTI-DIAMETER CANNULA**
[54] **CANULE A DIAMETRES MULTIPLES**
[72] HARDING, WESTON F., US
[72] ISAACSON, S. RAY, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-09-21
[86] 2017-03-17 (PCT/US2017/022927)
[87] (WO2017/172384)
[30] US (62/314,261) 2016-03-28
[30] US (15/461,363) 2017-03-16

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INFLAMMATORY DISEASES**
[54] **METHODES DE TRAITEMENT DE MALADIES INFLAMMATOIRES**
[72] BAUM, PATRICK, DE
[72] FLACK, MARY RUTH, US
[72] GALLER, ANNETTE BETTINA, DE
[72] LALOVIC, BOJAN, US
[72] MAINO, KAORI, JP
[72] PADULA, STEVEN JOHN, US
[72] SCHOLL, PAUL, US
[72] SHA, KOJI, JP
[72] VISVANATHAN, SUDHA, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-09-21
[86] 2017-04-13 (PCT/US2017/027332)
[87] (WO2017/180821)
[30] US (62/323,075) 2016-04-15
[30] US (62/336,815) 2016-05-16
[30] US (62/396,855) 2016-09-20
[30] US (62/400,116) 2016-09-27
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[51] **Int.Cl. B65G 47/244 (2006.01) B32B 37/14 (2006.01)**
[25] EN
[54] **LABELLER AND METHOD OF USING THE SAME**
[54] **DISPOSITIF D'ETIQUETAGE ET SON PROCEDE D'UTILISATION**
[72] SLEIMAN, SUMIER, CA
[71] LABELPAC INCORPORATED, CA
[85] 2018-09-21
[86] 2017-03-24 (PCT/US2017/023976)
[87] (WO2017/165737)
[30] US (62/312,601) 2016-03-24
[30] US (62/407,687) 2016-10-13

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[51] **Int.Cl. H04L 1/16 (2006.01)**
[25] EN
[54] **COMBINED RELIABLE AND UNRELIABLE DATA TRANSMISSION**
[54] **TRANSMISSION COMBINEE DE DONNEES FIABLES ET NON FIABLES**
[72] GLASHAN, ROSS, US
[72] HEBNER, NICHOLAS, US
[71] SQUARE, INC., US
[85] 2018-09-21
[86] 2017-03-30 (PCT/US2017/025106)
[87] (WO2017/173126)
[30] US (15/088,013) 2016-03-31
[30] US (15/088,021) 2016-03-31
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[51] **Int.Cl. H04W 4/02 (2018.01) G08G 1/0968 (2006.01) H04L 29/08 (2006.01)**
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[54] **COMPOSITIONS DE SOIN BUCCAL CONTENANT DU NITRATE DE POTASSIUM ET DU PEROXYDE**
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **FORME SALINE D'INHIBITEUR DE DPPIV ET PROCEDE DE PREPARATION DE LADITE FORME SALINE**
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[72] WANG, JIANG, CN
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[72] LI, JINGYA, CN
[72] JIANG, HUALIANG, CN
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[54] **UTILISATION DE COMPOSES DE PIPERIDINE A SUBSTITUTION INDOLE COMME AGENT DE DEGRADATION DES RECEPTEURS DES OESTROGENES**
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[72] DING, CHARLES Z., CN
[72] HU, LIHONG, CN
[72] HE, HUIJUN, CN
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[72] LIU, DACHUN, US
[72] MCDANIEL, KEITH F., US
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[54] **CAPSULE JETABLE POUR MACHINES DE DISTRIBUTION DE BOISSONS INFUSEES**
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[54] **NIVEAU VOLUMETRIQUE ET GRAVIMETRIQUE POUR LA PRODUCTION DE MELANGES DE GAZ**
[72] SCHMID, HANS JUERGEN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **CONTENANT INTERNE EN PLASTIQUE POURVU D'UNE POCHE**
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[54] **PROCEDE POUR FABRIQUER UN MODULE DESTINE A UNE TRAVERSEE DE CABLE, MODULE ET PROCEDE POUR FABRIQUER UNE TRAVERSEE DE CABLE**
[72] MONDEN, THOMAS, DE
[72] MORDAU, ULF, DE
[72] PAETOW, MARIO, DE
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[54] **SYSTEME ET PROCEDE D'EMISSION DE SIGNAUX OPTIQUES**
[72] FERREIRA, FILIPE, GB
[72] MAC-SUIBHNE, NAOISE, GB
[72] ELLIS, ANDREW, GB
[72] SYGLETOS, STYLIANOS, GB
[72] SOROKINA, MARIIA, GB
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[54] **METHOD FOR THE POWDER-METALLURGICAL PRODUCTION OF COMPONENTS FROM TITANIUM OR TITANIUM ALLOYS**
[54] **PROCEDE DE FABRICATION PAR METALLURGIE DES POUDRES DE PIECES EN TITANE OU EN ALLIAGES DE TITANE**
[72] VIEHOFER, ULF, DE
[72] WINKELMULLER, WENDELIN, DE
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[72] SCHARVOGEL, MATTHIAS, DE
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[54] **MASSES DE MOULAGE THERMOPLASTIQUES, ANTISTATIQUES ET STABLES A LA LUMIERE EN POLYCARBONATE**
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[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF SANS FIL DANS UN RESEAU CELLULAIRE**
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[72] DENZIN, FLORIAN, DE
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[54] **AGENTS D'EXPANSION ENROBES DE SILICE ET LEUR UTILISATION DANS DES SYSTEMES CIMENTAIRES**
[72] KIERAT, RADOSLAW, DE
[72] MUELLER, MICHAEL KLEMENS, DE
[72] KEMPTER, ANDREAS, DE
[72] LAFUENTE CERDA, OSCAR, DE
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[54] **EXCIPIENT A BASE DE PROTEINES DESTINE A DES PRINCIPES ACTIFS PHARMACEUTIQUES**
[72] VERGAUWEN, BJORN, BE
[72] VAN DE MOOTER, GUY, BE
[71] ROUSSELOT B.V., NL
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[54] **MELANGES A ACTION PESTICIDE DE TIOXAZAFENE**
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[72] EDGINGTON, TODD, US
[72] WILHELM, RONALD, DE
[72] SCHLEHUBER, STEFFEN, DE
[72] MAZUIR, FLORENT, US
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[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'INTERROGATIONS DE BASE DE DONNEES LONGITUDINALES A SEGMENTS MULTIPLES**
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[54] **DISPOSITIF POUR LA CONNEXION DE TIGES POUR L'ENTRAINEMENT EN ROTATION D'UN APPAREIL DE POMPAGE DE FOND DE TROU**
[72] MORROW, WILLIAM BRUCE, US
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[54] **COMPLEXES POLYNUCLEOTIDIQUES A INSERTION AMELIOREE DANS DES CELLULES**
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[72] PEPPER, JORDAN, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
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[54] **PIECE LATERALE, MAILLON DE CHAINE ET CHAINE PORTE-CABLES**
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[72] HERMEY, ANDREAS, DE
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[54] **BALL MECHANISM-INCREASED/ENHANCED INITIAL ROTATION/OPENING OF BALL**
[54] **OUVERTURE-ROTATION INITIALES DE BOISSEAU SPHERIQUE AMELIOREES/ACCRUES PAR MECANISME DE BOISSEAU SPHERIQUE**
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[72] INGLIS, PETER DEREK WALTER, US
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[72] HODGE, STEPHEN LEE, US
[71] GLOBAL TEL*LINK CORP., US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR USE OF EFLORNITHINE AND DERIVATIVES AND ANALOGS THEREOF TO TREAT CANCERS, INCLUDING GLIOMAS**
[54] **COMPOSITIONS ET METHODES POUR L'UTILISATION D'EFLORNITHINE ET DE DERIVES ET ANALOGUES DE CETTE DERNIERE POUR LE TRAITEMENT DE CANCERS, DONT LES GLIOMES**
[72] LEVIN, VICTOR A., US
[71] ORBUS THERAPEUTICS, INC., US
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[54] **SYSTEME DE GESTION DE DONNEES DE COMPTE**
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[72] YOSHIDA, HIROO, JP
[72] SOGA, MASAKI, JP
[72] MURAKAMI, SHUNSUKE, JP
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[54] **METHOD FOR INTRODUCING SUBSTANCE INTO PLANT**
[54] **PROCEDE D'INDUCTION DE SUBSTANCE DANS UNE PLANTE**
[72] KATO, NORIO, JP
[72] OKAMOTO, TAKASHI, JP
[72] KIBA, TAKATOSHI, JP
[72] TODA, ERIKA, JP
[71] RIKEN, JP
[71] JAPAN TOBACCO INC., JP
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[54] **APPAREIL DE RESEAU, APPAREIL D'ENTREE ET DE SORTIE, ET PROGRAMME**
[72] KOMINE, YOSHITAKA, JP
[71] RICOH COMPANY, LTD., JP
[85] 2018-09-24
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[54] **HIDDEN LIGHTING FOR A DISPLAY SPACE**
[54] **ECLAIRAGE DISSIMULE POUR UN ESPACE D'AFFICHAGE**
[72] PALLAI, ANDRE, CA
[71] EKLIPSE LUMINAIRE ARCHITECTURAL INC., CA
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[54] **STRUCTURE DE GUIDAGE DE CATHETER**
[72] KANG, JUNG-KIL, KR
[71] LMECA CO., LTD., KR
[85] 2018-09-24
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[25] EN
[54] **METHOD OF MANAGING MEDICAL SUCTION DEVICE THROUGH NETWORK AND MANAGEMENT SERVER USED FOR SAME**
[54] **PROCEDE DE GESTION D'UN DISPOSITIF D'ASPIRATION MEDICAL PAR L'INTERMEDIAIRE D'UN RESEAU ET D'UN SERVEUR DE GESTION UTILISES POUR LEDIT DISPOSITIF**
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[25] EN
[54] **AUTONOMICALLY DRIVEN ARTIFICIAL INTELLIGENCE MEDICAL SUCTION DEVICE TO ALLEVIATE PAIN OF PATIENT AND METHOD OF CONTROLLING ARTIFICIAL INTELLIGENCE MEDICAL SUCTION DEVICE**
[54] **DISPOSITIF D'ASPIRATION MEDICAL A INTELLIGENCE ARTIFICIELLE COMMANDE DE MANIERE AUTONOME POUR SOULAGER LA DOULEUR DU PATIENT ET PROCEDE DE COMMANDE DUDIT DISPOSITIF D'ASPIRATION MEDICAL A INTELLIGENCE ARTIFICIELLE**
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[54] **DEVICE FOR SEPARATION AND REMOVAL OF LIGHT IMPURITIES FROM GRANULAR MATERIAL**
[54] **DISPOSITIF DE SEPARATION ET D'ELIMINATION D'IMPURETES LEGERES A PARTIR D'UN MATERIAU GRANULAIRE**
[72] SOSNOWSKI, WLODZIMIERZ, PL
[71] SOSNOWSKI, WLODZIMIERZ, PL
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[54] **A COFFEE-BASED BEVERAGE PREPARATION SYSTEM AND METHODS FOR USING THE SAME**
[54] **SYSTEME DE PREPARATION DE BOISSON A BASE DE CAFE ET SES PROCEDES D'UTILISATION**
[72] MACPHERSON, CHARLES D., US
[71] MACPHERSON, CHARLES D., US
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[54] **SYSTEM AND METHOD FOR ASSEMBLING AN EROSION-PREVENTING MAT**
[54] **SYSTEME ET PROCEDE D'ASSEMBLAGE DE TAPIS ANTI-EROSION**
[72] MOTZ, JAMES G., US
[72] MOTZ, MATTHEW J., US
[71] MOTZ ENTERPRISES, INC., US
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[54] **PULSED ACOUSTIC WAVE DERMAL CLEARING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE CUTANE PAR ONDES ACOUSTIQUES PULSEES**
[72] CAPELLI, CHRISTOPHER, US
[72] ROBERTSON, DAVID, US
[71] SOLITON, INC., US
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[25] EN
[54] **CENTRIFUGE ROTOR WITH STAGGERED NOZZLES FOR USE IN A DISC NOZZLE CENTRIFUGE**
[54] **ROTOR CENTRIFUGE A BUSES EN QUINCONCE DESTINE A UNE UTILISATION DANS UNE CENTRIFUGEUSE A BUSES ET A DISQUES**
[72] FRANKO, ANDREW, US
[71] FLUID-QUIP, INC., US
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[54] **A SYSTEM FOR CONVERTING A PASSIVE STETHOSCOPE INTO A WIRELESS AND TUBELESS STETHOSCOPE**
[54] **SYSTEME PERMETTANT DE CONVERTIR UN STETHOSCOPE PASSIF EN UN STETHOSCOPE SANS FIL ET SANS TUBE**
[72] ABIRI, ARASH, US
[71] ABIRI, ARASH, US
[85] 2018-09-24
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[25] EN
[54] **ANTIMICROBIAL PEPTIDE STIMULATING CLEANSING COMPOSITION**
[54] **COMPOSITION NETTOYANTE STIMULANT LES PEPTIDES ANTIMICROBIENS**
[72] TIAN, KEGUI, US
[72] TITTL, JESSICA RAE, US
[71] GOJO INDUSTRIES, INC., US
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[54] **SANITIZER COMPOSITION WITH PROBIOTIC/PREBIOTIC ACTIVE INGREDIENT**
[54] **COMPOSITION DE DESINFECTANT COMPRENANT UN PRINCIPE ACTIF PROBIOTIQUE/PREBIOTIQUE**
[72] GANTZ, SARAH, US
[72] COPELAND, AMANDA, US
[72] ZAPKA, CARRIE ANNE, US
[71] GOJO INDUSTRIES, INC., US
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[25] EN
[54] **ADAPTABLE ASSEMBLY**
[54] **ENSEMBLE ADAPTABLE**
[72] RANZI, GIANLUCA, AU
[72] FIORITO, FRANCESCO, AU
[72] SAUCHELLI, MICHELE, IT
[71] THE UNIVERSITY OF SYDNEY, AU
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[54] **TILT-TIP MOLDABLE TOTAL CARE BED**
[54] **LIT DE SOINS COMPLETS POUVANT ETRE MOULE A EXTREMITE INCLINABLE**
[72] FINCH, CHARLES DAVID, JR., US
[72] GOODWIN, SCOTT, US
[72] YAMAMOTO, JON, US
[71] UTOPIX MEDICAL, LLC, US
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[54] **SERIAL INTERFACE FOR PARAMETER TRANSFER IN AN ULTRASOUND DEVICE**
[54] **INTERFACE SERIE DESTINEE AU TRANSFERT DE PARAMETRES DANS UN DISPOSITIF A ULTRASONS**
[72] BAO, LIEWEI, US
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[72] SANCHEZ, NEVADA J., US
[71] BUTTERFLY NETWORK, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR ESTIMATING A GEOGRAPHICAL LOCATION OF AN UNMAPPED OBJECT WITHIN A DEFINED ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES POUR ESTIMER UN EMPLACEMENT GEOGRAPHIQUE D'UN OBJET NON CARTOGRAPHIE DANS UN ENVIRONNEMENT DEFINI**
[72] TAYLOR, ROBERT JAMES, US
[72] JONES, NICHOLAUS ADAM, US
[72] JONES, MATTHEW ALLEN, US
[72] VASGAARD, AARON JAMES, US
[71] WALMART APOLLO, LLC, US
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[54] **METHODS FOR TREATING AND PREVENTING C. DIFFICILE INFECTION**
[54] **METHODES DE TRAITEMENT ET DE PREVENTION D'UNE INFECTION A C. DIFFICILE**
[72] TANAKA, S. KEN, US
[72] DRAPER, MICHAEL P., US
[71] PARATEK PHARMACEUTICALS, INC., US
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[54] **SEAT POSITIONING SYSTEM FOR A WHEELCHAIR**
[54] **SYSTEME DE POSITIONNEMENT DE SIEGE POUR FAUTEUIL ROULANT**
[72] MULHERN, JAMES, US
[72] ANTONISHAK, STEPHEN J., US
[71] RRIDE MOBILITY PRODUCTS CORPORATION, US
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[54] **TRAITEMENT DU CANCER AVEC TG02**
[72] ESTOK, THOMAS M., US
[72] WEBER, ECKARD, US
[72] PARROTT, TRACY, US
[71] TRAGARA PHARMACEUTICALS, INC., US
[85] 2018-09-24
[86] 2017-03-24 (PCT/US2017/023965)
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[54] **BIOPSY CASSETTE FOR MULTI-MODALITY CROSS-SYSTEM DATA CORRELATION**
[54] **CASSETTE DE BIOPSIE POUR CORRELATION DE DONNEES MULTI-MODALES INTER-SYSTEME**
[72] MAK, SIU WAI JACKY, CA
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **WEARABLE PERSONAL SECURITY DEVICES AND SYSTEMS**
[54] **DISPOSITIFS ET SYSTEMES VESTIMENTAIRES DE SECURITE PERSONNELLE**
[72] HARRIS, MARC ALLAN, US
[71] HARRIS, MARC ALLAN, US
[85] 2018-09-24
[86] 2017-04-06 (PCT/US2017/026455)
[87] (WO2017/177067)
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[54] **CONVEYOR METHOD AND SYSTEM FOR CONVEYING AND MANAGING A FOOD INVENTORY**
[54] **PROCEDE ET SYSTEME DE TRANSPORT POUR TRANSPORTER ET GERER UN STOCK D'ALIMENTS**
[72] SVEJKOVSKY, PAUL BLAKE, US
[72] PETRI, KENNETH C., US
[71] KAREN SUE SVEJKOVSKY, TRUSTEE OF THE PAUL A. SVEJKOVSKY FAMILY TRUST, US
[71] SVEJKOVSKY, PAUL BLAKE, US
[71] KAREN SUE SVEJKOVSKY, TRUSTEE OF THE P.A. & K.S. SVEJKOVSKY LIVING TRUST, DATED JULY 9, 1997, US
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[87] (WO2017/165752)
[30] US (15/081,033) 2016-03-25

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[54] **SERINGUE DE DOSAGE DE MICROLITRE REPETABLE ET PRECIS**
[72] SHETTY, GAUTAM N., US
[72] CASTAGNA, LOU, US
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[71] CONGRUENCE MEDICAL SOLUTIONS, LLC, US
[85] 2018-09-24
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[54] **METHOD AND SYSTEM FOR PERSISTING DATA**
[54] **PROCEDE ET SYSTEME POUR DONNEES PERSISTANTES**
[72] THOMAS, FRANK, CA
[71] RUBIKLOUD TECHNOLOGIES INC., CA
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[54] **SYSTEM AND METHOD FOR RECONDITIONING RAILCAR SIDE FRAMES**
[54] **SYSTEME ET PROCEDE DE RECONDITIONNEMENT DE CADRES LATERAUX DE WAGONS**
[72] ADAMS, RONALD G., US
[72] RAHMAN, SAYEEDUR, US
[72] LAZARO, MICHAEL, US
[71] TTX COMPANY, US
[85] 2018-09-24
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[54] **METHODS FOR IDENTIFYING MODULATORS OF GPR92**
[54] **PROCEDES D'IDENTIFICATION DE MODULATEURS DU GPR92**
[72] MCGRANE, SCOTT JOSEPH, GB
[72] GIBBS, MATTHEW RONALD, GB
[72] FINE, RICHARD MASTEN, US
[72] KLEBANSKY, BORIS, US
[71] MARS, INCORPORATED, US
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[54] **THREE-DIMENSIONAL MEASURING SYSTEM AND MEASURING METHOD WITH MULTIPLE MEASURING MODES**
[54] **SYSTEME DE MESURE TRIDIMENSIONNELLE A MULTIPLES MODES DE MESURE ET PROCEDE DE MESURE**
[72] ZHAO, XIAOBO, CN
[72] WANG, WENBIN, CN
[72] YE, ZI, CN
[72] YE, CHONGMAO, CN
[72] ZHANG, JIAN, CN
[72] HUANG, LEIJIE, CN
[72] XIANG, XIAOPING, CN
[71] SHINING 3D TECH CO., LTD., CN
[85] 2018-09-25
[86] 2016-07-27 (PCT/CN2016/091913)
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[30] CN (201610220338.7) 2016-04-08
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[25] EN
[54] **SEMICONDUCTOR LENS OPTIMIZATION OF FABRICATION**
[54] **OPTIMISATION DE LA FABRICATION DE LENTILLE A SEMI-CONDUCTEURS**
[72] CARSON, RICHARD F., US
[72] JOSEPH, JOHN R., US
[72] WARREN, MIAL E., US
[72] WILCOX, THOMAS A., US
[71] TRILUMINA CORP., US
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[54] **ENTANGLING PROJECTILES AND SYSTEMS FOR THEIR USE**
[54] **PROJECTILES D'ENCHEVETREMENT ET SYSTEMES POUR LEUR UTILISATION**
[72] NORRIS, ELWOOD, US
[72] BARNES, JAMES, US
[72] GROELL, JULIAN, US
[72] CHEN, JIN, US
[71] WRAP TECHNOLOGIES, INC., US
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[25] EN
[54] **TECHNIQUES FOR USING A PORTION OF A TRANSMISSION TIME INTERVAL TO TRANSMIT A TRANSMISSION THAT IS SHORTER THAN A DURATION OF THE TRANSMISSION TIME INTERVAL**
[54] **TECHNIQUES PERMETTANT D'UTILISER UNE PARTIE D'UN INTERVALLE DE TEMPS DE TRANSMISSION POUR EFFECTUER UNE TRANSMISSION PLUS COURTE QU'UNE DUREE DE L'INTERVALLE DE TEMPS DE TRANSMISSION**
[72] AGARWAL, RAVI, US
[72] HORN, GAVIN BERNARD, US
[72] LUO, TAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-24
[86] 2017-04-28 (PCT/US2017/030037)
[87] (WO2017/192380)
[30] US (62/331,834) 2016-05-04
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[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **BASE STATION, USER EQUIPMENT, AND ASSOCIATED METHOD**
[54] **STATION DE BASE, EQUIPEMENT D'UTILISATEUR, ET PROCEDE ASSOCIE**
[72] CHANG, NINGJUAN, CN
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-09-25
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[30] CN (201610203546.6) 2016-04-01

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[25] EN
[54] **COMPOSITIONS CONTAINING TANNIC ACIDS AND USES THEREOF**
[54] **COMPOSITIONS CONTENANT DES ACIDES TANNIQUES ET LEURS UTILISATIONS**
[72] TSAI, GUOCHUAN EMIL, US
[72] WANG, CHING-CHENG, CN
[71] SYNEURX INTERNATIONAL (TAIWAN) CORP., CN
[85] 2018-09-25
[86] 2017-03-28 (PCT/CN2017/078361)
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[30] US (62/313,946) 2016-03-28
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[25] EN
[54] **METHODS OF USING CYT1A MUTANTS AGAINST COLEOPTERAN PESTS**
[54] **PROCEDES D'UTILISATION DE MUTANTS DE CYT1A CONTRE LES COLEOPTERES NUISIBLES**
[72] NELSON, MARK EDWARD, US
[72] YAMAMOTO, TAKASHI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-09-24
[86] 2017-05-02 (PCT/US2017/030580)
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[30] US (62/337,537) 2016-05-17

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[54] **COMPOSITION DE GAINAGE DE CABLE**
[72] SLEVIN, MIKE EDWARD, GB
[72] ROBERTS, DAVID GERAINT, US
[71] AEI COMPOUNDS LTD., GB
[71] SACO AEI POLYMERS, INC., US
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[54] **CABLE STRUCTURE, POWER CORD STRUCTURE, AND ELECTRICAL DEVICE**
[54] **STRUCTURE DE CABLE, STRUCTURE DE CORDON D'ALIMENTATION, ET DISPOSITIF ELECTRIQUE**
[72] MA, JIANLIANG, CN
[72] ZHANG, ZHENFENG, CN
[72] LI, SONGTAO, CN
[71] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
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[25] EN
[54] **DISPOSABLE FLUIDIC CARTRIDGE AND COMPONENTS**
[54] **CARTOUCHE FLUIDIQUE JETABLE ET COMPOSANTS ASSOCIES**
[72] TURNER, ROBERT, US
[72] MADSEN, JAMES, US
[72] YANG, KAI, US
[72] HINESTROSA SALAZAR, JUAN PABLO, US
[72] KRISHNAN, RAJ, US
[72] SIMON HERRERA, PEDRO DAVID, US
[71] BIOLOGICAL DYNAMICS, INC., US
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[54] **POWER CORD PLUG, CABLE, POWER CORD STRUCTURE, AND ELECTRICAL DEVICE**
[54] **FICHE DE CORDON D'ALIMENTATION, CABLE, STRUCTURE DE CORDON D'ALIMENTATION ET DISPOSITIF ELECTRIQUE**
[72] MA, JIANLIANG, CN
[72] ZHANG, ZHENFENG, CN
[72] LI, SONGTAO, CN
[71] GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD., CN
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[54] **NOUVELLES SEQUENCES UTR MINIMALES**
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[72] RUDOLPH, CARSTEN, DE
[72] ANEJA, MANISH KUMAR, DE
[72] WEISS, LUDWIG, DE
[71] ETHRIS GMBH, DE
[85] 2018-09-25
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[25] EN
[54] **REMOTE LOAD CONTROL DEVICE CAPABLE OF ORIENTATION DETECTION**
[54] **DISPOSITIF DE COMMANDE DE CHARGE A DISTANCE CAPABLE DE DETECTION D'ORIENTATION**
[72] DIMBERG, CHRIS, US
[72] GAGE, ALEXANDER WADE, US
[72] HARTE, MATTHEW V., US
[72] KILLO, JASON C., US
[72] KRESCHOLLEK, BRAD MICHAEL, US
[72] MCDONALD, MATTHEW PHILIP, US
[72] TWADDELL, DANIEL L., US
[71] LUTRON ELECTRONCIS CO., INC., US
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[54] **FUSED PENTACYCLIC IMIDAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOLE PENTACYCLIQUES CONDENSES UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DU TNF**
[72] HEER, JAG PAUL, GB
[72] KEYAERTS, JEAN, BE
[71] UCB BIOPHARMA SPRL, BE
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[54] **OPERATIONS D'EXECUTION DE COMMANDES AVEC MISE EN FILE D'ATTENTE DE ROBOTS**
[72] JOHNSON, MICHAEL CHARLES, US
[72] JOHNSON, SEAN, US
[72] POWERS, BRADLEY, US
[72] GALLAGHER, KAITLIN MARGARET, US
[71] LOCUS ROBOTICS CORP., US
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[25] EN
[54] **PROCESS FOR THE REMOVAL OF HEAVY METALS FROM FLUIDS**
[54] **PROCEDE D'ELIMINATION DE METAUX LOURDS DANS DES FLUIDES**
[72] STRICKROTH, ALAIN, LU
[71] CPPE CARBON PROCESS & PLANT ENGINEERING S.A., LU
[85] 2018-09-25
[86] 2017-03-23 (PCT/EP2017/056902)
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[25] EN
[54] **CATALYST MIXTURE FOR THE TREATMENT OF WASTE GAS**
[54] **MELANGE DE CATALYSEUR POUR LE TRAITEMENT DE GAZ RESIDUAIRES**
[72] STRICKROTH, ALAIN, LU
[71] AJO INDUSTRIE S.A R.L., LU
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[25] EN
[54] **APPARATUSES FOR IMPROVING ELECTRICAL CONTINUITY AT THREADED INTERFACE PORTS**
[54] **APPAREILS PERMETTANT D'AMELIORER UNE CONTINUITE ELECTRIQUE AU NIVEAU DE PORTS D'INTERFACE FILETES**
[72] PURDY, ERIC J., US
[72] MONTENA, NOAH P., US
[71] PPC BROADBAND, INC., US
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[25] EN
[54] **METHOD FOR SAFE SUPERVISION OF TRAIN INTEGRITY AND USE OF ON-BOARD UNITS OF AN AUTOMATIC TRAIN PROTECTION SYSTEM FOR SUPERVISION TRAIN INTEGRITY**
[54] **PROCEDE DE SURVEILLANCE SECURISEE DE L'INTEGRITE D'UN TRAIN ET UTILISATION D'UNITES EMBARQUEES D'UN SYSTEME DE PROTECTION AUTOMATIQUE DE TRAIN POUR SURVEILLER L'INTEGRITE D'UN TRAIN**
[72] BAUER, HARALD, DE
[72] LAUTERBERG, VEIT, DE
[72] WALLNER, CHRISTIAN, DE
[72] MINDEL, KLAUS, DE
[71] THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH, DE
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[25] EN
[54] **PROCESS FOR PRODUCING A POLYACRYLAMIDE SOLUTION WITH INCREASED VISCOSITY**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE POLYACRYLAMIDE A VISCOSITE ACCRUE**
[72] LANGLOTZ, BJOERN, DE
[72] GARELLA, LINDA, DE
[72] BRAUN, MICHAEL GUNTER, DE
[72] DAEUWEL, JUERGEN, DE
[71] BASF SE, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR MEDICAL PROCEDURE PLANNING**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE PLANIFICATION DE PROCEDURE MEDICALE**
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[71] ZAXIS LABS, US
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[54] **HOOF BOOT**
[54] **BOTTE DE SABOT**
[72] LANDER, KIRT, US
[71] LANDER, KIRT, US
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[25] EN
[54] **HYBRID IMPLANT MADE OF A COMPOSITE MATERIAL**
[54] **IMPLANT HYBRIDE EN MATERIAU COMPOSITE**
[72] MILKAU, DANIEL, DE
[72] REINAUER, FRANK, DE
[72] WOLFRAM, TOBIAS, DE
[71] KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG, DE
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[25] EN
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[54] **ADDUIT DE CYCLODEXTRINE-PANOBINOSTAT**
[72] COULTER, TOM, GB
[72] DAMMENT, STEPHEN, GB
[72] PACE, ALESSANDRO, GB
[72] PALMER, DANIEL, GB
[71] MIDATECH LTD., GB
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[25] EN
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[54] **SYSTEME D'EVALUATION DE LA COLONNE VERTEBRALE**
[72] KAWCHUK, GREG, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[25] EN
[54] **FABRICATION OF PCB AND FPC WITH SHIELDED TRACKS AND/OR COMPONENTS USING 3D INKJET PRINTING**
[54] **FABRICATION DE CARTE DE CIRCUIT IMPRIME ET DE CARTE DE CIRCUIT FLEXIBLE AVEC DES PISTES ET/OU DES COMPOSANTS BLINDES PAR IMPRESSION TRIDIMENSIONNELLE A JET D'ENCRE**
[72] SHABTAI, AVI, IL
[72] PARTOSH, MICHAEL, IL
[71] NANO-DIMENSION TECHNOLOGIES, LTD., IL
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[25] EN
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[54] **DILATATEUR A ECHANGE RAPIDE POUR CATHETERISATION SANS GAINE**
[72] MESSENGER, ANDREW, US
[71] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
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[54] **TWO-PART PLASTIC BLANK SET**
[54] **ENSEMBLE D'EBAUCHE EN MATERIAU SYNTHETIQUE EN DEUX PARTIES**
[72] MATTERN, CLAUDIA, CH
[71] MATTERN, CLAUDIA, CH
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[25] EN
[54] **AUTOMATIC DISHWASHING CLEANING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE POUR LAVE-VAISSELLE AUTOMATIQUE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] WARD, GLENN STEVEN, GB
[72] SCIALLA, STEFANO, BE
[72] GOODWIN, JAMES ELLIOT, GB
[72] HULSKOTTER, FRANK, DE
[72] RUEBENACKER, MARTIN, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **WRAPPER FOR ENCLOSING SMOKABLE SUBSTANCES**
[54] **EMBALLAGE POUR ENFERMER DES SUBSTANCES A FUMER**
[72] OSTRANDER, JOHN, US
[71] OSTRANDER, JOHN, US
[85] 2018-09-25
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[51] **Int.Cl. A61K 31/353 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATIONS FOR THE TREATMENT OF CANCER**
[54] **COMBINAISONS PHARMACEUTIQUES POUR LE TRAITEMENT DU CANCER**
[72] KLINGHOFFER, RICHARD, US
[72] DEY, JOYOTI, US
[71] PRESAGE BIOSCIENCES, INC., US
[85] 2018-09-24
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[51] **Int.Cl. A01F 12/60 (2006.01) A01D 41/12 (2006.01) A01D 41/127 (2006.01)**
[25] EN
[54] **A COMBINE HARVESTER HAVING A GRAIN BIN**
[54] **MOISSONNEUSE-BATTEUSE POURVUE D'UNE CELLULE A GRAIN**
[72] DUCROQUET, FREDERIC, IT
[71] AGCO CORPORATION, US
[85] 2018-09-25
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[25] EN
[54] **A LEVEL SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR DE NIVEAU**
[72] DUCROQUET, FREDERIC, IT
[71] AGCO CORPORATION, US
[85] 2018-09-25
[86] 2017-03-29 (PCT/IB2017/000331)
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[25] EN
[54] **VECTORS FOR CLONING AND EXPRESSION OF PROTEINS, METHODS AND APPLICATIONS THEREOF**
[54] **VECTEURS UTILISES POUR LE CLONAGE ET L'EXPRESSION DE PROTEINES, LEURS PROCEDES ET LEURS APPLICATIONS**
[72] CHATTERJEE, SOHANG, US
[72] RODRIGUES, KAVITHA IYER, IN
[72] GHOSH, MALOY, IN
[72] MAITY, SUNIT, IN
[72] UNNIKRISHNAN, DIVYA, IN
[72] MUNIRAJU, YOGENDRA MANJUNATH BANGALORE, IN
[72] MURUGESAN, SATHYABALAN, IN
[72] MUKUNDA, PAVITHRA, IN
[72] PRASAD, BHARGAV, IN
[72] KAMANAGOWDA, VEERESHA, IN
[72] BHATTACHARJEE, SANGHAMITRA, IN
[72] DAKSHINAMURTHY, PRAVIN KUMAR, IN
[72] HALAN, VIVEK, IN
[72] SRINIVASAN, SANKARANARAYANAN, IN
[72] HORA, ANURADHA, IN
[72] NATARAJAN, BAIRAVABALAKUMAR, IN
[72] NAIR, KARTHIKA, IN
[72] THANIGAIVEL, ASWINI, IN
[72] MALIWALAVE, AMOL, IN
[72] SHENOY, BHARATH RAVINDRA, IN
[72] RAO, SAHANA BHIMA, IN
[72] CHAKRABARTY, SUBHRA PRAKASH, IN
[72] DUBEY, ASHVINI KUMAR, IN
[72] KHAN, AMIR, IN
[72] SHARMA, ANKURINA, IN
[72] SHARMA, RASHMI, IN
[72] TIWARI, ANURAG, IN
[72] KUMAR, SANTOSH, IN
[72] PATEL, SHIVANI, IN
[72] M, NIKITHA, IN
[71] ZUMUTOR BIOLOGICS, INC., US
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[25] EN
[54] **GAS SORBENT AND CARBON DIOXIDE SEPARATION AND RECOVERY SYSTEM AND METHOD**
[54] **MATERIAU D'ABSORPTION DE GAZ, SYSTEME DE SEPARATION ET DE RECUPERATION DE DIOXYDE DE CARBONE, ET PROCEDE DE SEPARATION ET DE RECUPERATION DE DIOXYDE DE CARBONE**
[72] UEDA, KENTARO, JP
[72] KISHIMOTO, AKIRA, JP
[72] NAKAYAMA, SAKI, JP
[71] OSAKA GAS CO., LTD., JP
[85] 2018-09-25
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[25] EN
[54] **SULFUR DIOXIDE REMOVAL FROM WASTE GAS**
[54] **ELIMINATION DE DIOXYDE DE SOUFRE PRESENT DANS DES GAZ RESIDUAIRES**
[72] STRICKROTH, ALAIN, LU
[71] CPPE CARBON PROCESS & PLANT ENGINEERING S.A., LU
[85] 2018-09-25
[86] 2017-03-31 (PCT/EP2017/057789)
[87] (WO2017/174472)
[30] LU (93012) 2016-04-04

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[25] EN
[54] **SYSTEMS AND METHODS FOR CAPTURING AND OFFLOADING DIFFERENT INFORMATION BASED ON EVENT TRIGGER TYPE**
[54] **SYSTEMES ET PROCEDES POUR CAPTURER ET DECHARGER DIFFERENTES INFORMATIONS SUR LA BASE DU TYPE DE DECLENCHEUR D'EVENEMENT**
[72] PALMER, JASON, US
[72] FREITAS, MARK, US
[72] DENINGER, DANIEL A., US
[72] FORNEY, DAVID, US
[72] SLJIVAR, SLAVEN, US
[72] VAIDYA, ALEKH, US
[72] GRISWOLD, JEFFREY, US
[71] SMARTDRIVE SYSTEMS, INC., US
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[54] **COATING DEVICE AND COATING METHOD**
[54] **DISPOSITIF DE REVETEMENT ET PROCEDE DE REVETEMENT**
[72] HAYASHI, KEIKI, JP
[72] SHOJI, MASAAKI, JP
[72] KAMISHINA, NOBORU, JP
[72] MARUYAMA, HIROSATO, JP
[71] HONDA MOTOR CO., LTD., JP
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[54] **STABILIZED SOLUBLE PRE-FUSION RSV F PROTEINS**
[54] **PROTEINES F DU VRS DE PRE-FUSION SOLUBLES STABILISEES**
[72] KRARUP, ANDERS, NL
[72] LANGEDIJK, JOHANNES PETRUS MARIA, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2018-09-25
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[25] EN
[54] **CAROTENOID PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION DE CAROTENOIDE**
[72] NAGAI, HIDETADA, JP
[72] SATO, WATARU, JP
[72] TAKAHASHI, TOSHIYUKI, JP
[72] SATO, HARUMI, JP
[71] JXTG NIPPON OIL & ENERGY CORPORATION, JP
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[25] EN
[54] **CERAMIC MEMBRANE MODULE WITH EXTERNAL FRAME ASSEMBLY AND RELATED METHODS**
[54] **MODULE A MEMBRANE EN CERAMIQUE AVEC ENSEMBLE CADRE EXTERNE ET PROCEDES ASSOCIES**
[72] BLANKE, THOMAS, DE
[72] KOECHER, BERND, DE
[72] OSMUNDSON, PAUL, US
[71] NANOSTONE WATER GMBH, DE
[85] 2018-09-25
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[54] **BRAKE FLUID PRESSURE CONTROL DEVICE FOR VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE PRESSION DE LIQUIDE DE FREIN POUR VEHICULE**
[72] YAMAKAWA, TERUYOSHI, JP
[71] NISSIN KOGYO CO., LTD., JP
[85] 2018-09-25
[86] 2017-02-28 (PCT/JP2017/007929)
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[25] EN
[54] **BOLAAMPHIPHILIC COMPOUNDS, COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS, COMPOSES BOLAAMPHIPHILES, ET LEURS UTILISATIONS**
[72] LINDER, CHARLES, US
[72] HELDMAN, ELIAHU, US
[72] GRINBERG, SARINA, US
[71] LAUREN SCIENCES LLC, US
[85] 2018-09-25
[86] 2016-04-15 (PCT/US2016/027726)
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[54] **SONOTRODE**
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[72] MATHENY, MITCH, US
[71] EDISON WELDING INSTITUTE, INC., US
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[86] 2016-11-04 (PCT/US2016/060615)
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[25] EN
[54] **APPARATUS AND METHOD FOR DOSAGING POWDERED OR GRANULATED MATERIAL**
[54] **APPAREIL ET PROCEDE DE DOSAGE DE MATIERE EN POUDRE OU GRANULAIRE**
[72] TREITEL, SHARON PINHAS, IL
[71] TREITEL CHEMICAL ENGINEERING LTD., IL
[85] 2018-09-25
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[25] EN
[54] **CONCEALED HORIZONTAL SIDEWALL SPRINKLER**
[54] **GICLEUR MURAL HORIZONTAL CACHE**
[72] OLDHAM, MICHAEL J., US
[71] THE VIKING CORPORATION, US
[85] 2018-09-25
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[25] EN
[54] **MODULAR ULTRASONIC DEVICE FOR USE IN PACKAGE SEALING SYSTEMS**
[54] **DISPOSITIF A ULTRASONS MODULAIRE A UTILISER DANS DES SYSTEMES D'ETANCHEITE DE BOITIER**
[72] MATHENY, MITCH, US
[72] CHANNELL, ALEXANDER B., US
[72] FLOWERS, SEAN T., US
[71] EDISON WELDING INSTITUTE, INC., US
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[25] EN
[54] **RESIDENTIAL CONCEALED SPRINKLER**
[54] **EXTINCTEUR RESIDENTIEL DISSIMULE**
[72] PIPE, JED, US
[71] THE VIKING CORPORATION, US
[85] 2018-09-25
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[25] EN
[54] **CANNABIONID AND CANNABIS-BASED COMPOSITIONS AND METHODS FOR THE TREATMENT OF INFLAMMATORY CONDITIONS OF THE GASTROINTESTINAL TRACT**
[54] **COMPOSITIONS A BASE DE CANNABINOIDES ET DE CANNABIS ET METHODES DE TRAITEMENT D'AFFECTIONS INFLAMMATOIRES DU TRACTUS GASTRO-INTESTINAL**
[72] BAR-LEV SCHLEIDER, LIHI, IL
[71] TO PHARMACEUTICALS LLC, US
[85] 2018-09-25
[86] 2017-03-28 (PCT/IL2017/050388)
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[54] **LOW CRYSTALLINE POLYMER COMPOSITIONS PREPARED IN A DUAL REACTOR**
[54] **COMPOSITIONS POLYMERES FAIBLEMENT CRISTALLINES PREPAREES DANS UN REACTEUR DOUBLE**
[72] VAN HOYWEGHEN, DANNY, BE
[72] MITCHELL, CYNTHIA A., US
[72] VAN LOON, ACHIEL J.M., BE
[72] DHARMARAJAN, NARAYANASWAMI, US
[72] DATTA, SUDHIN, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2018-09-25
[86] 2017-02-17 (PCT/US2017/018285)
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[54] **OPTICAL WAVEGUIDE INTEGRATED LIGHT RECEIVING ELEMENT AND METHOD FOR MANUFACTURING SAME**
[54] **ELEMENT DE RECEPTION DE LUMIERE INTEGRE A UN GUIDE D'ONDES OPTIQUE ET SON PROCEDE DE FABRICATION**
[72] NADA, MASAHIRO, JP
[72] MURAMOTO, YOSHIFUMI, JP
[72] MATSUZAKI, HIDEAKI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2018-09-25
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[54] **INFUSEUR DE BOISSON**
[72] MANCINI, GRAZIANO, US
[71] LONGO, STEPHEN A., US
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[54] **APPARATUS AND METHOD FOR SATELLITE PAYLOAD DEVELOPMENT**
[54] **APPAREIL ET PROCEDE POUR DEVELOPPEMENT DE CHARGE UTILE DE SATELLITE**
[72] SIQUIER, RAFAEL JORDA, GB
[72] LAI, HAN, GB
[72] HOMAR, ALEIX MEGIAS, GB
[72] ARS, JORDI BARRERA, GB
[72] COWAN, MARK, GB
[71] OPEN COSMOS LTD., GB
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[25] EN
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[54] **ELECTROLYTE POUR PILE ELECTROCHIMIQUE RECHARGEABLE**
[72] ADAMSON, GEORGE W., US
[72] BOWERS, SARA S., US
[72] RICHEY, FRANCIS W., US
[71] EOS ENERGY STORAGE, LLC, US
[85] 2018-09-24
[86] 2017-03-29 (PCT/US2017/024695)
[87] (WO2017/172878)
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[51] **Int.Cl. A47L 13/253 (2006.01) A47L 13/58 (2006.01)**
[25] EN
[54] **A CLEANING HEAD, A COMBINATION OF A CLEANING HEAD, A WATER PERMEABLE BAG AND CLEANING MEMBERS, AND A COMBINATION OF A CLEANING HEAD AND A BUCKET WITH A PUMP**
[54] **TETE DE NETTOYAGE, COMBINAISON D'UNE TETE DE NETTOYAGE, D'UN SAC PERMEABLE A L'EAU ET D'ELEMENTS DE NETTOYAGE, ET COMBINAISON D'UNE TETE DE NETTOYAGE ET D'UN SEAU AVEC UNE POMPE**
[72] BAHRI, BOUDALI, NL
[71] BAHRI, BOUDALI, NL
[85] 2018-09-25
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[30] NL (2016570) 2016-04-08

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[25] EN
[54] **DIVIDING OF REPORTER PROTEINS BY DNA SEQUENCES AND ITS APPLICATION IN SITE SPECIFIC RECOMBINATION**
[54] **DIVISION DE PROTEINES RAPPORTEUSES PAR DES SEQUENCES D'ADN ET SON APPLICATION DANS UNE RECOMBINAISON SPECIFIQUE SUR SITE**
[72] WENG, WEI, US
[71] WENG, WEI, US
[85] 2018-09-25
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[87] (WO2017/151668)
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[51] **Int.Cl. C07C 225/20 (2006.01) C07C 221/00 (2006.01)**
[25] EN
[54] **CRYSTAL FORMS AND METHODS OF SYNTHESIS OF (2R, 6R)-HYDROXYNORKETAMINE AND (2S, 6S)-HYDROXYNORKETAMINE**
[54] **FORMES CRISTALLINES ET PROCEDES DE SYNTHESE DE (2R,6R)-HYDROXYNORKETAMINE ET DE (2S,6S)-HYDROXYNORKETAMINE**
[72] THOMAS, CRAIG, US
[72] MORRIS, PATRICK, US
[72] ZARATE, CARLOS, US
[72] MOADDEL, RUIN, US
[72] GOULD, TODD, US
[72] ZANOS, PANOS, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2018-09-25
[86] 2017-03-27 (PCT/US2017/024241)
[87] (WO2017/165878)
[30] US (62/313,309) 2016-03-25

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[25] EN
[54] **METHOD AND COMPOSITION FOR TREATING NEURONAL HYPER-EXCITABILITY**
[54] **METHODE ET COMPOSITION POUR TRAITER L'HYPER-EXCITABILITE NEURONALE**
[72] MARSALA, MARTIN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-09-25
[86] 2017-03-27 (PCT/US2017/024285)
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[51] **Int.Cl. H01R 13/625 (2006.01)**
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[54] **BREAKAWAY RAILCAR POWER CONNECTOR**
[54] **CONNECTEUR D'ALIMENTATION DE VEHICULE FERROVIAIRE A RUPTURE**
[72] SMAJDA, KENNETH J., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2018-09-25
[86] 2017-03-01 (PCT/US2017/020140)
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[51] **Int.Cl. H04L 29/12 (2006.01) H04W 52/02 (2009.01) H04W 60/00 (2009.01) H04L 29/08 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR ALLOCATING SHORT ADDRESSES TO NETWORK DEVICES**
[54] **TECHNIQUES D'ATTRIBUTION D'ADRESSES COURTES A DES DISPOSITIFS DE RESEAU**
[72] SINGH, SHOBHIT KUMAR, IN
[72] JAIN, SAURABH, IN
[72] SABHARWAL, ANKUSH, IN
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2018-09-25
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[25] EN
[54] **POLYELECTROLYTE DENTAL ADHESIVES FOR WHITENING TEETH AND TEETH COMPONENTS**
[54] **COLLES DENTAIRES POLYELECTROLYTIQUES POUR LE BLANCHIMENT DES DENTS ET DE COMPOSANTS DENTAIRES**
[72] GARRE VENKATA RAGHAVENDRA, SATISH KUMAR, US
[72] HURTUBISE, MICHELLE ANNE, US
[72] MARTINEZ, CARLOS EDUARDO, US
[72] GUPTA, DEEPTI, US
[72] MUSSO, GARY FRED, US
[72] KIRACOFE, CAITLIN MARIE, US
[72] SIERRAALTA, ADA ALICIA, US
[71] SAFEWHITE, INC., US
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[51] **Int.Cl. G06T 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECONSTRUCTING PROJECTION IMAGES FROM COMPUTED TOMOGRAPHY VOLUMES**
[54] **SYSTEMES ET PROCEDES POUR RECONSTRUIRE DES IMAGES DE PROJECTION A PARTIR DE VOLUMES DE TOMOGRAPHIE ASSISTEE PAR ORDINATEUR**
[72] SCHMITT, MICHAEL H., US
[71] L3 SECURITY & DETECTION SYSTEMS, INC., US
[85] 2018-09-25
[86] 2017-03-21 (PCT/US2017/023362)
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[30] US (15/080,741) 2016-03-25

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[51] **Int.Cl. H04N 5/247 (2006.01) H04N 5/222 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **EFFICIENT DETERMINATION OF OPTICAL FLOW BETWEEN IMAGES**
[54] **DETERMINATION EFFICACE DE FLUX OPTIQUE ENTRE DES IMAGES**
[72] CABRAL, BRIAN KEITH, US
[72] BRIGGS, FORREST SAMUEL, US
[72] POZO, ALBERT PARRA, US
[72] VAJDA, PETER, US
[71] FACEBOOK, INC., US
[85] 2018-09-25
[86] 2017-03-27 (PCT/US2017/024306)
[87] (WO2017/176484)
[30] US (62/319,074) 2016-04-06
[30] US (15/096,167) 2016-04-11

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[51] **Int.Cl. C12H 1/04 (2006.01) C12C 7/28 (2006.01)**
[25] EN
[54] **A FLAVOR-ENHANCED BEVERAGE PRODUCT AND METHOD OF ENHANCING THE FLAVOR THEREOF**
[54] **PRODUIT DE BOISSON A AROME AMELIORE ET PROCEDE D'AMELIORATION DE SON AROME**
[72] BAIER, STEFAN K., US
[72] CHAMBERS, PETA-GAYE, US
[72] JOHNSON, WINSOME, US
[72] POTINENI, RAJESH VENKATA, US
[71] FRITO-LAY NORTH AMERICA, INC., US
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[86] 2017-03-29 (PCT/US2017/024820)
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[25] EN
[54] **SYMMETRIC RECEIVER SWITCH FOR BIPOLAR PULSER**
[54] **COMMUTATEUR RECEPTEUR SYMETRIQUE D'UN GENERATEUR D'IMPULSIONS BIPOLAIRE**
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[72] FIFE, KEITH G., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2018-09-24
[86] 2017-03-31 (PCT/US2017/025269)
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[30] US (15/087,943) 2016-03-31

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[51] **Int.Cl. C09D 5/02 (2006.01) C08G 65/26 (2006.01)**
[25] EN
[54] **COMPOSITIONS, AQUEOUS COATING COMPOSITIONS, AND METHODS FOR IMPROVING THE FREEZE/THAW STABILITY OF AQUEOUS COATING COMPOSITIONS**
[54] **COMPOSITIONS, COMPOSITIONS DE REVETEMENT AQUEUSES ET PROCEDES POUR AMELIORER LA STABILITE AU GEL/DEGEL DE COMPOSITIONS DE REVETEMENT AQUEUSES**
[72] ACEVEDO VELEZ, CLARIBEL, US
[72] BALIJEPALLI, SUDHAKAR, US
[72] WACHOWICZ, REBECCA J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[30] US (62/313,971) 2016-03-28

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[54] **APREMILAST PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES A BASE D'APREMILAST**
[72] SREEDHARALA, VENKATA NOOKARAJU, IN
[71] SARUDBHAVA FORMULATIONS PRIVATE LIMITED, IN
[85] 2018-09-25
[86] 2016-09-30 (PCT/IN2016/000237)
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[25] EN
[54] **METHOD AND APPARATUS FOR ROCK REINFORCEMENT**
[54] **PROCEDE ET APPAREIL DE RENFORCEMENT DE ROCHE**
[72] BERGQVIST, VIKTOR, SE
[71] EPIROC ROCK DRILLS AKTIEBOLAG, SE
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[54] **GESTION D'EXECUTION DE COMMANDES**
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[72] NATARAJAN, CHANDRASHEKAR, US
[72] O'BRIEN, JOHN J., US
[71] WALMART APOLLO, LLC, US
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[54] **MEDICAL DEVICE TRACKING AND REPROCESSING SYSTEM**
[54] **SYSTEME DE SUIVI ET DE RETRAITEMENT DE DISPOSITIF MEDICAL**
[72] BASSION, DAVID, SR., US
[72] BASSION, DAVID, JR., US
[72] MOYER, DONALD R., US
[71] BASSION, DAVID, SR., US
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[71] MOYER, DONALD R., US
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[54] **TOPICAL PREPARATION WARMING DEVICE**
[54] **DISPOSITIF DE RECHAUFFEMENT DE PREPARATION A USAGE EXTERNE**
[72] DA SILVA, JORGE, US
[72] GILLESPIE, RONALD J., US
[72] PAUNESCU, ALEXANDRU, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **BINARY COMPOSITIONS AS DISRUPTORS OF ORCO-MEDIATED ODORANT SENSING**
[54] **COMPOSITIONS BINAIRES UTILISEES COMME PERTURBATEURS DE DETECTION DE SUBSTANCES ODORANTES DEPENDANT DES RECEPTEURS ORCO**
[72] ZWIEBEL, LAURENCE J., US
[72] ROMAINE, IAN M., US
[72] OCHIENG, SAM, US
[72] WATERSON, ALEX GREGORY, US
[72] SULIKOWSKI, GARY A., US
[71] VANDERBILT UNIVERSITY, US
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[54] **VERTICAL MULTI-TAMPING CIGARETTE HERB FILLING SYSTEM AND METHOD**
[54] **SYSTEME VERTICAL D'INTRODUCTION D'HERBE A CIGARETTE A BOURRAGES MULTIPLES ET PROCEDE**
[72] WAGNER, MITCHELL AARON, US
[71] WAGNER DIMAS, INC., US
[85] 2018-09-25
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[54] **DEVICES AND METHODS FOR COSMETIC SKIN RESURFACING**
[54] **DISPOSITIFS ET METHODES DE RESTRUCTURATION COSMETIQUE DE LA PEAU**
[72] LEVINSON, DOUGLAS, US
[72] GINGGEN, ALEC, US
[72] DIMATTEO, KRISTIAN, US
[72] BRIK, ROBERT, US
[72] LIZARDI, JOSE, US
[72] ANDERSON, NICK, US
[72] BROCKMEIER, OIVIND, US
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[54] **SECURED DELIVERY CONTAINER**
[54] **CONTENANT DE LIVRAISON SECURISE**
[72] ALEXANDER, CLAYTON, US
[72] WAKEHAM, CHRISTOPHER THOMAS, US
[72] LEITH, DAREN JOHN, US
[72] TIMPERI, MIKKO JUHANI, US
[71] EMBER TECHNOLOGIES, INC., US
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[54] **LIPID NANOPARTICLE FORMULATIONS FOR CRISPR/CAS COMPONENTS**
[54] **FORMULATIONS DE NANOPARTICULES LIPIDIQUES POUR DES COMPOSES CRISPR/CAS**
[72] MORRISSEY, DAVID V., US
[72] PATEL, MIHIR CHANDRAKANT, US
[72] FINN, JONATHAN D., US
[72] SMITH, AMY MADISON RHODEN, US
[72] SHAW, LUCINDA J., US
[72] DOMBROWSKI, CHRISTIAN, US
[72] SHAH, RUCHI RUDRAPRASAD, US
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[54] **COMPOSITIONS, AQUEOUS COATING COMPOSITIONS, AND METHODS FOR IMPROVING THE FREEZE/THAW STABILITY OF AQUEOUS COATING COMPOSITIONS**
[54] **COMPOSITIONS, COMPOSITIONS DE REVETEMENT AQUEUSES ET PROCEDES POUR AMELIORER LA STABILITE AU GEL/DEGEL DE COMPOSITIONS DE REVETEMENT AQUEUSES**
[72] ACEVEDO VELEZ, CLARIBEL, US
[72] BALIJEPALLI, SUDHAKAR, US
[72] WACHOWICZ, REBECCA J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **THREE-STAGE ENERGY-INTEGRATED PRODUCT GAS GENERATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GENERATION DE PRODUIT GAZEUX INTEGRE EN ENERGIE A TROIS ETAPES**
[72] CHANDRAN, RAVI, US
[72] BURCIAGA, DANIEL A., US
[72] LEO, DANIEL MICHAEL, US
[72] FREITAS, SHAWN ROBERT, US
[72] NEWPORT, DAVE G., US
[72] MILLER, JUSTIN KEVIN, US
[72] HARRINGTON, KAITLIN EMILY, US
[72] ATTWOOD, BRIAN CHRISTOPHER, US
[71] THERMOCHEM RECOVERY INTERNATIONAL, INC., US
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[54] **FUNCTIONALIZED ACRYLIC PROCESS AIDS FOR GLOSS AND SURFACE FINISH MODIFICATION**
[54] **ADJUVANTS DE TRAITEMENT ACRYLIQUES FONCTIONNALISES DESTINES A UNE MODIFICATION DE BRILLANT ET DE FINI DE SURFACE**
[72] YOCCA, KEVIN R., US
[72] MOUNTZ, DAVID A., US
[72] LYONS, JASON M., US
[71] ARKEMA, INC., US
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[54] **REMEDY FOR BOVINE LEUKEMIA PROPHYLAXIS AND USE THEREOF**
[54] **MOYEN DE PREVENTION DE LA LEUCOSE DU BETAIL A CORNES ET PROCEDE D'APPLICATION**
[72] LASKAVY, VLADISLAV NIKOLAEVICH, RU
[71] LASKAVY, VLADISLAV NIKOLAEVICH, RU
[71] IVLEV, ANDREI VALENTINOVICH, RU
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[54] **OUTILS ELECTRIQUES A MAIN SANS MATRICE PORTATIFS**
[72] LEFAVOUR, JOHN DAVID, US
[72] FAUCHER, THOMAS ROMEO, US
[72] BROWN, LAWRENCE, US
[71] HUBBELL INCORPORATED, US
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[54] **ENSEMBLE DE GESTION DE TUBE ET SOULAGEMENT DE CONTRAINTE POUR ENSEMBLE DE PERFUSION**
[72] HARTMANN, DANIEL MORRIS, US
[72] KOURTIS, LAMPROS C., US
[72] PSZENNY, SEAN MATTHEW, US
[72] SWINNEY, MONICA RIXMAN, US
[71] ELI LILLY AND COMPANY, US
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[25] EN
[54] **INFUSION SET WITH COMPONENTS COMPRISING A POLYMERIC SORBENT TO REDUCE THE CONCENTRATION OF M-CRESOL IN INSULIN**
[54] **ENSEMBLE DE PERFUSION AVEC COMPOSANTS COMPRENANT UN SORBANT POLYMERE DESTINE A REDUIRE LA CONCENTRATION DE M-CRESOL DANS L'INSULINE**
[72] DEMARIA, CHRISTOPHER JOHN, US
[72] HARTMANN, DANIEL MORRIS, US
[72] JONES, GRAHAM BARRY, US
[72] KOVALCHICK, CHRISTOPHER, US
[72] PSZENNY, SEAN MATTHEW, US
[72] SIRKAR, RHEA, US
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[25] EN
[54] **SUBSTITUTED AMINOPURINE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH**
[54] **COMPOSES AMINOPURINE SUBSTITUES, COMPOSITIONS CORRESPONDANTES, ET PROCEDES DE TRAITEMENT LES UTILISANT**
[72] BOYLAN, JOHN F., US
[72] BRAY, GORDON L., US
[72] FILVAROFF, ELLEN, US
[72] HUBBARD, ROBERT, US
[72] MIKOLON, DAVID, US
[72] RAYMON, HEATHER, US
[72] SHI, TAO, US
[72] TRAN, TAM M., US
[72] TSUJI, TOSHIYA, US
[72] WONG, LILLY L., US
[72] XU, SUICHAN, US
[72] ZHU, DAN, US
[71] SIGNAL PHARMACEUTICALS, LLC, US
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[54] **COMPOSITION DE NETTOYAGE TOPIQUE CONTENANT UN ADDITIF PREBIOTIQUE/PROBIOTIQUE**
[72] GANTZ, SARAH, US
[72] COPELAND, AMANDA, US
[72] ZAPKA, CARRIE ANNE, US
[71] GOJO INDUSTRIES, INC., US
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[54] **DRYER-ACTIVATED FABRIC CONDITIONING PRODUCTS HAVING FRANGIBLE BOUNDARIES AND METHODS**
[54] **PRODUITS DE CONDITIONNEMENT DE TISSU ACTIVES PAR UN SECHOIR PRESENTANT DES LIMITES CASSANTES ET PROCEDES**
[72] DENNY, JEFFREY WAYNE, US
[72] LARSON, SIGNE CHRISTINA, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODS FOR SOLID TUMOR TREATMENT**
[54] **METHODES DE TRAITEMENT DE TUMEURS SOLIDES**
[72] BALTEZOR, MIKE, US
[72] DIZEREGA, GERE, US
[72] DECEDUE, CHARLES, US
[72] CAMPBELL, SAM, US
[72] MCCLOREY, MATT, US
[71] CRITITECH, INC., US
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[25] EN
[54] **INTEGRAL MEMBRANE PROTEIN DISPLAY ON POXVIRUS EXTRACELLULAR ENVELOPED VIRIONS**
[54] **PRESENTATION DE PROTEINE TRANSMEMBRANAIRE SUR DES VIRIONS A ENVELOPPE EXTRACELLULAIRE DE POXVIRUS**
[72] SMITH, ERNEST S., US
[72] PARIS, MARK, US
[72] SCRIVENS, MARIA G. M., US
[72] KIRK, RENEE A., US
[72] CORNELISON, ANGELICA A., US
[71] VACCINEX, INC., US
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[25] EN
[54] **COMPOUNDS THAT INDUCE DEGRADATION OF ANTI-APOPTOTIC BCL-2 FAMILY PROTEINS AND THE USES THEREOF**
[54] **COMPOSES INDUISANT LA DEGRADATION DE PROTEINES ANTI-APOPTOTIQUES DE LA FAMILLE BCL-2 ET UTILISATION DE CES DERNIERS**
[72] ZHENG, GUANGRONG, US
[72] ZHOU, DAOHONG, US
[72] ZHANG, XUAN, US
[72] WANG, YINGYING, US
[72] CHANG, JIANHUI, US
[71] BIOVENTURES, LLC, US
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[86] 2017-04-21 (PCT/US2017/028875)
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[25] EN
[54] **FUSED HEXACYCLIC IMIDAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOLE HEXACYCLIQUES CONDENSES UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DU TNF**
[72] DE HARO GARCIA, TERESA, GB
[72] DELIGNY, MICHAEL LOUIS ROBERT, BE
[72] HEER, JAG PAUL, GB
[72] HORSLEY, HELEN TRACEY, GB
[72] JADOT, SOPHIE, BE
[72] KEYAERTS, JEAN, BE
[71] UCB BIOPHARMA SPRL, BE
[71] SANOFI, FR
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[25] EN
[54] **ENZYMATIC CLEANING AND SANITIZING COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE NETTOYAGE ET DE DESINFECTION DE TYPE ENZYMATIQUE ET LEURS PROCEDES D'UTILISATION**
[72] YANNONE, STEVEN M., US
[72] FUSS, JILL O., US
[72] BARNEBEY, ADAM, US
[71] CINDER BIOLOGICAL, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING AERIAL ANIMAL FOOD DELIVERY**
[54] **APPAREIL ET PROCEDE POUR PERMETTRE LA DISTRIBUTION AERIENNE D'ALIMENTS POUR ANIMAUX**
[72] JONES, NATHAN G., US
[72] HIGH, DONALD R., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-25
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[25] EN
[54] **DEVICE AND SYSTEM FOR DETECTING MUSCLE SEIZURE OF A SUBJECT**
[54] **DISPOSITIF ET SYSTEME DE SURVEILLANCE DES CRAMPES MUSCULAIRES D'UN SUJET**
[72] BAGGEN, CONSTANT PAUL MARIE JOZEF, NL
[72] NOLAN, JULIAN CHARLES, NL
[72] LAWRENSON, MATTHEW JOHN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[25] EN
[54] **HIGH STRENGTH CERAMICS WITH NOVEL FRACTURE MODE**
[54] **CERAMIQUES HAUTE RESISTANCE A NOUVEAU MODE DE FRACTURE**
[72] HUNT, MICHAEL, US
[72] VILLALOBOS, GUILLERMO R., US
[72] ROCK, BENJAMIN, US
[72] BAYYA, SHYAM S., US
[72] KIM, WOOHONG, US
[72] AGGARWAL, ISHWAR D., US
[72] SADOWSKI, BRYAN, US
[72] SANGHERA, JASBINDER S., US
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[25] EN
[54] **OUTBOARD DURABLE TRANSPARENT CONDUCTIVE COATING ON AIRCRAFT CANOPY**
[54] **REVETEMENT CONDUCTEUR TRANSPARENT DURABLE EXTERIEUR SUR VERRIERE D'AVION**
[72] UPRETY, KRISHNA K., US
[72] BIMANAND, ALEXANDER, US
[72] LAKDAWALA, KHUSHROO H., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2018-09-25
[86] 2017-04-07 (PCT/US2017/026650)
[87] (WO2017/177162)
[30] US (15/094,714) 2016-04-08

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[54] **CONNECTEUR ELECTRIQUE D'INJECTION**
[72] BERTINI, GLEN J., US
[72] SONGRAS, DONALD R., US
[71] NOVINIUM, INC., US
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[25] EN
[54] **KIT FOR THE IN SITU PRODUCTION OF A FERMENTED TARGET BEVERAGE BY ADDITION OF A LIQUID DILUENT**
[54] **KIT PERMETTANT LA PRODUCTION IN SITU D'UNE BOISSON CIBLE FERMENTEE PAR AJOUT D'UN DILUANT LIQUIDE**
[72] VANDEKERCKHOVE, STIJN, BE
[72] PEIRSMAN, DANIEL, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[25] EN
[54] **METHOD OF DETECTING INHERITED EQUINE MYOPATHY**
[54] **METHODE DE DEPISTAGE D'UNE MYOPATHIE EQUINE HEREDITAIRE**
[72] SZAUTER, PAUL, US
[72] SINCLAIR, ROBERT B., US
[72] EDWARDS, JEREMY SCOTT, US
[71] STC.UNM, US
[71] SZAUTER, PAUL, US
[71] SINCLAIR, ROBERT B., US
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[25] EN
[54] **COSMETIC COMPOSITIONS FOR PROTECTION AGAINST AIR POLLUTANTS**
[54] **COMPOSITIONS COSMETIQUES PROTEGEANT CONTRE LES POLLUANTS ATMOSPHERIQUES**
[72] MARAMALDI, GIADA, IT
[72] MENEGHIN, MARTINO, IT
[72] FRANCESCHI, FEDERICO, IT
[72] TOGNI, STEFANO, IT
[72] MALANDRINO, SALVATORE, IT
[71] INDENA S.P.A., IT
[85] 2018-09-26
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[25] EN
[54] **PUSH ON/PULL OFF PROTECTIVE CAP FOR FIRE PROTECTION SPRINKLERS**
[54] **CAPUCHON DE PROTECTION A POUSSOIR A ENCLENCHEMENT POUR DES INSTALLATIONS D'EXTINCTEURS A EAU DU TYPE SPRINKLEUR**
[72] OLDHAM, MICHAEL J., US
[72] SCHNELL, STEFAN, DE
[72] ORR, SHAWN G., US
[71] THE VIKING CORPORATION, US
[85] 2018-09-25
[86] 2017-05-03 (PCT/US2017/030747)
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[54] **COMPOSITIONS AND METHODS FOR TREATING CANCER, INFLAMMATORY DISEASES AND AUTOIMMUNE DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER, DE MALADIES INFLAMMATOIRES ET DE MALADIES AUTOIMMUNES**
[72] DEGENHARDT, JEREMIAH D., US
[72] GOSSAGE, DAVID, US
[72] GREENSTEIN, ANDREW, US
[72] JURIC, VLADI, US
[72] MIKELS-VIGDAL, AMANDA, US
[72] SMITH, VICTORIA, US
[72] VAYSBERG, MARIA, US
[72] YUE, PENG, US
[71] GILEAD SCIENCES, INC., US
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[54] **METHODS, SYSTEMS, AND MEDIA FOR USING DYNAMIC PUBLIC KEY INFRASTRUCTURE TO SEND AND RECEIVE ENCRYPTED MESSAGES**
[54] **PROCEDES, SYSTEMES ET SUPPORT D'UTILISATION D'INFRASTRUCTURE DE CLE PUBLIQUE DYNAMIQUE PERMETTANT D'ENVOYER ET DE RECEVOIR DES MESSAGES CRYPTES**
[72] PHAM, THIEN VAN, US
[71] PHAM, THIEN VAN, US
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[25] EN
[54] **T-CELL MODULATORY MULTIMERIC POLYPEPTIDES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES MULTIMERES MODULATEURS DES LYMPHOCYTES T ET LEURS PROCEDE D'UTILISATION**
[72] SEIDEL, RONALD D., III, US
[72] CHAPARRO, RODOLFO, US
[71] CUE BIOPHARMA, INC., US
[85] 2018-09-25
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[54] **PRODUCT MOVEMENT AND DISTRIBUTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DEPLACEMENT ET DE DISTRIBUTION DE PRODUITS**
[72] RIZKALLAH, ANDREW J., US
[72] LAZZARO, TOM, US
[72] DILLANE, JUSTIN P., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-25
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[25] EN
[54] **FILM-LIKE FORM OF ADMINISTRATION FOR THE TRANSMUCOSAL DELIVERY OF ANTIDIABETIC PEPTIDES**
[54] **FORMES PHARMACEUTIQUES SOUS FORME DE FILM POUR L'ADMINISTRATION PAR VOIE TRANSMUQUEUSE D'ANTIDIABETIQUES PEPTIDIQUES**
[72] MULLER, MARKUS, DE
[72] HAMMES, CLAUDIA MARIA, DE
[72] SCHMITZ, CHRISTOPH, DE
[72] LINN, MICHAEL, DE
[72] SAMETI, MOHAMMAD, DE
[72] KLAFFENBACH, PETER, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **TOPICAL SKIN PRODUCT HAVING RETENTION PROPERTY**
[54] **PRODUIT TOPIQUE POUR LA PEAU AYANT UNE PROPRIETE DE RETENTION**
[72] ONG, IVAN W., US
[72] LAN, TIAN, US
[72] SLOAN, GINA PARISE, US
[72] WELCH, KAREN TERRY, US
[71] MICROBAN PRODUCTS COMPANY, US
[85] 2018-09-25
[86] 2017-05-23 (PCT/US2017/033964)
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[25] EN
[54] **HERBICIDAL PYRIDAZINONE COMPOUNDS**
[54] **COMPOSES HERBICIDES DE TYPE DE PYRIDAZINONE**
[72] BURTON, PAUL MATTHEW, GB
[72] GAULIER, STEVEN, GB
[72] RZEPA, PAULA ROCHA, GB
[72] WATKINS, MELANIE JAYNE, GB
[72] ASPINALL, MARY BERNADETTE, GB
[72] EMMETT, EDWARD JOHN, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-09-26
[86] 2017-04-13 (PCT/EP2017/058915)
[87] (WO2017/178582)
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[25] EN
[54] **SILANE-BASED ANTIMICROBIAL COATINGS AND METHODS OF MAKING AND USING THE SAME**
[54] **REVETEMENTS ANTIMICROBIENS A BASE DE SILANES ET PROCEDES POUR LES FABRIQUER ET LES UTILISER**
[72] NARINE, SURESH, CA
[72] FLOROS, MICHAEL, CA
[71] TRENT UNIVERSITY, CA
[85] 2018-09-26
[86] 2017-01-31 (PCT/CA2017/050108)
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[54] **LOAD INDICATOR FOR A FALL PROTECTION APPARATUS**
[54] **INDICATEUR DE CHARGE DESTINE A UN APPAREIL ANTI-CHUTE**
[72] HETRICH, MITCHELL H., US
[72] HALL, MARK, US
[72] WU, JEFFREY, CN
[72] BAO, DAVID, CN
[72] ZHAN, JAMES, CN
[72] ZHAN, JIM, CN
[71] MSA TECHNOLOGY, LLC, US
[85] 2018-09-25
[86] 2017-04-11 (PCT/US2017/026967)
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[30] US (62/321,591) 2016-04-12
[30] US (15/233,618) 2016-08-10

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[51] **Int.Cl. A61K 31/135 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS OF USING (2R, 6R)-HYDROXYNORKETAMINE AND (2S, 6S)-HYDROXYNORKETAMINE IN THE TREATMENT OF DEPRESSION, ANXIETY, ANHEDONIA, FATIGUE, SUICIDAL IDEATION, AND POST TRAUMATIC STRESS DISORDERS**
[54] **PROCEDES D'UTILISATION DE (2R, 6R)-HYDROXYNORKETAMINE ET DE (2S,6S)-HYDROXYNORKETAMINE DANS LE TRAITEMENT DE LA DEPRESSION, DE L'ANXIETE, DE L'ANHEDONIE, DE L'IDEATION SUICIDAIRE ET DE TROUBLES DE STRESS POST-TRAUMATIQUES**
[72] WAINER, IRVING, US
[72] ZARATE, CARLOS, US
[72] MOADDEL, RUIN, US
[72] GOULD, TODD, US
[72] ZANOS, PANOS, US
[72] THOMAS, CRAIG, US
[72] MORRIS, PATRICK, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2018-09-25
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[25] EN
[54] **PPAR AGONISTS, COMPOUNDS, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOF**
[54] **AGONISTES DE PPAR, COMPOSES, COMPOSITIONS PHARMACEUTIQUES ET METHODES D'UTILISATION DE CEUX-CI**
[72] LAGU, BHARAT, US
[72] SENAIAR, RAMESH, IN
[71] MITOBRIDGE, INC., US
[85] 2018-09-25
[86] 2017-04-13 (PCT/US2017/027327)
[87] (WO2017/180818)
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[51] **Int.Cl. B01D 5/00 (2006.01) B01D 21/26 (2006.01) B04B 3/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROCESSING A VAPOR STREAM FROM A THERMAL DESORPTION PROCESS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE FLUX DE VAPEUR D'UN PROCESSUS DE DESORPTION THERMIQUE**
[72] HOFFMAN, BARRY, CA
[71] CALAERIS ENERGY & ENVIRONMENT LTD., CA
[85] 2018-09-26
[86] 2017-04-19 (PCT/CA2017/050483)
[87] (WO2017/190227)
[30] US (62/330,950) 2016-05-03

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[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **METHOD AND DEVICE FOR INCIDENT SITUATION PREDICTION**
[54] **PROCEDE ET DISPOSITIF DE PREDICTION DE SITUATION D'INCIDENT**
[72] HUANG, YONG, CN
[72] DU, QUAN-WEN, CN
[72] LI, JUN-LIN, CN
[72] LI, NAN-E, CN
[72] YIN, GUOCHAO, CN
[72] ZHU, MENG-TAO, CN
[71] MOTOROLA SOLUTIONS, INC., US
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[25] EN
[54] **AMPHOTERIC POLYMER, PROCESS FOR PRODUCTION THEREOF, AND USE THEREOF, TO TREAT AQUEOUS DISPERSIONS**
[54] **COPOLYMERE AMPHOTERE, SON PROCEDE DE FABRICATION ET SON UTILISATION POUR TRAITER DES DISPERSIONS AQUEUSES**
[72] CHIPFUNHU, DANIEL, AU
[72] MISSLITZ, HOLGER, DE
[72] HASKELL, TARA MICHELE, AU
[71] BASF SE, DE
[85] 2018-09-26
[86] 2017-04-20 (PCT/EP2017/059395)
[87] (WO2017/182568)
[30] EP (16166346.3) 2016-04-21

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[51] **Int.Cl. H04L 27/26 (2006.01)**
[25] EN
[54] **OPTIMIZED PREAMBLE AND METHODS FOR INTERFERENCE ROBUST PACKET DETECTION FOR TELEMETRY APPLICATIONS**
[54] **PREAMBULE OPTIMISE ET PROCEDE DE DETECTION DE PAQUET ROBUSTE AUX INTERFERENCES POUR APPLICATIONS DE TELEMETRIE**
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] ROBERT, JOERG, DE
[72] KNEISSL, JAKOB, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
[85] 2018-09-26
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[25] EN
[54] **DEVICE AND METHOD FOR DISPENSING ACTIVE INGREDIENT-CONTAINING OR ACTIVE INGREDIENT-CARRYING STRIPS**
[54] **DISPOSITIF ET PROCEDE POUR DISTRIBUER DES BANDELETTES CONTENANT UN PRINCIPE ACTIF OU SERVANT DE SUBSTRAT A UN PRINCIPE ACTIF**
[72] BLOMENKEMPER, MARC, DE
[72] LINN, MICHAEL, DE
[72] HACKBARTH, RONALD, DE
[72] BEE, MARKUS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2018-09-26
[86] 2017-04-20 (PCT/EP2017/059374)
[87] (WO2017/186562)
[30] EP (EP16167074.0) 2016-04-26

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[25] EN
[54] **AN OSTOMY ATTACHMENT**
[54] **FIXATION DE STOMIE**
[72] HUNT, RHONA, IE
[72] KELLEHER, KEVIN, IE
[72] O'SULLIVAN, LEONARD, IE
[71] UNIVERSITY OF LIMERICK, IE
[85] 2018-09-26
[86] 2017-03-16 (PCT/EP2017/056259)
[87] (WO2017/167582)
[30] GB (1605516.2) 2016-03-31

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[25] EN
[54] **INSULATED ELECTRIC CONDUCTOR**
[54] **CONDUCTEUR ELECTRIQUE ISOLE**
[72] HOCHSTOGER, JURGEN, AT
[72] SCHRAYVOGEL, RUDOLF, AT
[72] KOPPENSTEINER, EWALD, AT
[71] GEBAUER & GRILLER METALLWERK GMBH, AT
[85] 2018-09-26
[86] 2017-03-20 (PCT/EP2017/056489)
[87] (WO2017/167595)
[30] EP (16163536.2) 2016-04-01

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[51] **Int.Cl. B04C 5/187 (2006.01) B04C 9/00 (2006.01)**
[25] EN
[54] **CHIP EXTRACTION SYSTEM**
[54] **INSTALLATION D'ASPIRATION DE COPEAUX**
[72] RATTUNDE, ULRICH, DE
[71] RATTUNDE & CO GMBH, DE
[85] 2018-09-26
[86] 2017-03-22 (PCT/EP2017/056846)
[87] (WO2017/167621)
[30] DE (10 2016 105 978.1) 2016-04-01

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4188 (2006.01) A61K 31/428 (2006.01) C07D 487/18 (2006.01)**
[25] EN
[54] **FUSED PENTACYCLIC IMIDAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOLE PENTACYCLIQUES CONDENSES UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DU TNF**
[72] DELIGNY, MICHAEL LOUIS ROBERT, BE
[72] HEER, JAG PAUL, GB
[71] UCB BIOPHARMA SPRL, BE
[71] SANOFI, FR
[85] 2018-09-26
[86] 2017-03-31 (PCT/EP2017/057765)
[87] (WO2017/167993)
[30] EP (16163571.9) 2016-04-01

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[13] A1
[51] **Int.Cl. A61K 31/16 (2006.01) A61K 31/165 (2006.01) A61K 31/19 (2006.01) A61K 31/192 (2006.01) A61K 31/22 (2006.01) A61K 31/341 (2006.01) A61K 31/351 (2006.01) A61K 31/40 (2006.01) A61K 31/41 (2006.01) A61K 31/4196 (2006.01) A61K 31/421 (2006.01) A61K 31/5375 (2006.01) A61P 27/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **ANALOGS OF CYP-EICOSANOIDS FOR USE IN TREATING OR PREVENTING A DISORDER ASSOCIATED WITH NEOVASCULARIZATION AND/OR INFLAMMATION**
[54] **ANALOGUES DE CYP-EICOSANOIDES POUR UTILISATION DANS LE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE D'UN TROUBLE ASSOCIE A UNE NEOVASCULARISATION ET/OU UNE INFLAMMATION**
[72] FISCHER, ROBERT, DE
[72] SCHUNCK, WOLF-HAGEN, DE
[72] MULLER, DOMINIK, DE
[72] WESSER, TIM, DE
[72] KONKEL, ANNE, DE
[72] LOSSIE, JANINE, DE
[71] OMEICOS THERAPEUTICS GMBH, DE
[71] MAX DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN, DE
[85] 2018-09-26
[86] 2017-04-03 (PCT/EP2017/057830)
[87] (WO2017/168007)
[30] US (62/317,253) 2016-04-01
[30] EP (17153412.6) 2017-01-26

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[13] A1
[51] **Int.Cl. B62K 5/025 (2013.01) B62K 5/027 (2013.01) A61G 5/04 (2013.01) A61G 5/10 (2006.01) B62D 61/08 (2006.01) B62K 15/00 (2006.01)**
[25] EN
[54] **MOTORIZED COLLAPSIBLE SCOOTER FOR USE AS AN ASSISTIVE MOBILITY DEVICE**
[54] **TRICYCLE PLIABLE ET MOTORISE A UTILISER COMME DISPOSITIF DE MOBILITE ASSISTEE**
[72] BLOCK, COLLEEN, CA
[72] BOURNE, EMANUELA, CA
[71] BLOCK, COLLEEN, CA
[71] BOURNE, EMANUELA, CA
[85] 2018-09-20
[86] 2017-03-17 (PCT/CA2017/000063)
[87] (WO2017/161438)
[30] US (62/310,740) 2016-03-20

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[13] A1
[51] **Int.Cl. A22C 17/00 (2006.01) A22C 25/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INSPECTING THE ABDOMINAL CAVITY OF GUTTED FISH**
[54] **PROCEDE ET DISPOSITIF D'INSPECTION DE LA CAVITE ABDOMINALE DE POISSONS EVIDES**
[72] STEFFENS, ALEXANDER, DE
[72] PAULSOHN, CARSTEN, DE
[72] RASMUSSEN, NIELS TJORNLY, DK
[72] JENSEN, EIGIL MOLVIG, DK
[72] NIELSEN, ULRIK, DK
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2018-09-26
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[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, ARTICLE MOULE EN RESINE DE CHLORURE DE VINYLE, ET STRATIFIE**
[72] FUJIWARA, TAKANORI, JP
[71] ZEON CORPORATION, JP
[85] 2018-09-26
[86] 2017-03-22 (PCT/JP2017/011447)
[87] (WO2017/170037)
[30] JP (2016-066587) 2016-03-29

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[25] EN
[54] **SPRAY COATING SOL, VINYL CHLORIDE RESIN MOLDED PRODUCT HAVING SPRAY COATING LAYER AND METHOD FOR MANUFACTURING THE SAME, AND LAMINATE**
[54] **SOL POUR APPLICATION PAR PULVERISATION, CORPS MOULE EN RESINE DE CHLORURE DE VINYLE AVEC COUCHE APPLIQUEE PAR PULVERISATION AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI, ET STRATIFIE**
[72] IWABUCHI, SATOSHI, JP
[71] ZEON CORPORATION, JP
[85] 2018-09-26
[86] 2017-03-23 (PCT/JP2017/011807)
[87] (WO2017/170156)
[30] JP (2016-068205) 2016-03-30

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[25] EN
[54] **SPRAY COATING SOL, VINYL CHLORIDE RESIN MOLDED PRODUCT HAVING SPRAY COATING LAYER AND METHOD FOR MANUFACTURING THE SAME, AND LAMINATE**
[54] **SOL POUR APPLICATION PAR PULVERISATION, CORPS MOULE EN RESINE DE CHLORURE DE VINYLE AVEC COUCHE APPLIQUEE PAR PULVERISATION AINSI QUE PROCEDE DE FABRICATION DE CELUI-CI, ET STRATIFIE**
[72] IWABUCHI, SATOSHI, JP
[71] ZEON CORPORATION, JP
[85] 2018-09-26
[86] 2017-03-23 (PCT/JP2017/011812)
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[25] EN
[54] **MEDIUM FOR NEURAL STEM CELLS ENHANCING NEURAL DIFFERENTIATION ABILITY**
[54] **MILIEU POUR CELLULES SOUCHES NEURALES AMELIORANT LA CAPACITE DE DIFFERENCIATION NEURALE**
[72] MATSUMOTO, TAKUYA, JP
[72] HARATA, IKUE, JP
[72] SENDA, SHO, JP
[71] AJINOMOTO CO., INC., JP
[85] 2018-09-26
[86] 2017-03-23 (PCT/JP2017/011870)
[87] (WO2017/170180)
[30] JP (2016-071967) 2016-03-31

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[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, CORPS MOULE EN RESINE DE CHLORURE DE VINYLE, ET STRATIFIE**
[72] IWABUCHI, SATOSHI, JP
[71] ZEON CORPORATION, JP
[85] 2018-09-26
[86] 2017-03-24 (PCT/JP2017/012001)
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[30] JP (2016-064436) 2016-03-28
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[25] EN
[54] **MEDICAMENT**
[54] **MEDICINE**
[72] KATO, JURAN, JP
[72] YAMAKAWA, HIROKO, JP
[72] MURAKI, YOU, JP
[72] MAHANANDEESHWAR, GATTU, IN
[72] SATYALAKSHMI, ORUGANTY, IN
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-09-26
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[30] JP (2016-063747) 2016-03-28

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[25] EN
[54] **VINYL CHLORIDE RESIN COMPOSITION, VINYL CHLORIDE RESIN MOLDED PRODUCT, AND LAMINATE**
[54] **COMPOSITION DE RESINE DE CHLORURE DE VINYLE, ARTICLE MOULE EN RESINE DE CHLORURE DE VINYLE, ET STRATIFIE**
[72] NISHIMURA, SHOTA, JP
[71] ZEON CORPORATION, JP
[85] 2018-09-26
[86] 2017-03-24 (PCT/JP2017/011998)
[87] (WO2017/170220)
[30] JP (2016-064436) 2016-03-28
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[25] EN
[54] **FIBER MATERIAL AND PURIFICATION COLUMN**
[54] **MATERIAU FIBREUX ET COLONNE DE PURIFICATION**
[72] FUJIEDA, HIROAKI, JP
[72] UENO, YOSHIYUKI, JP
[72] YAMADA, MASAYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-09-26
[86] 2017-03-28 (PCT/JP2017/012631)
[87] (WO2017/170546)
[30] JP (2016-068094) 2016-03-30
[30] JP (2016-071297) 2016-03-31

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[25] EN
[54] **THERAPEUTIC AGENT FOR TREATMENT OF AUTOIMMUNE DISEASES CONTAINING ANTIBODY BINDING TO HAPTOGLOBIN IN BLOOD AND FORMING POLYVALENT IMMUNE COMPLEX AS AN ACTIVE COMPONENT**
[54] **AGENT THERAPEUTIQUE CONTRE DES MALADIES AUTO-IMMUNES AVEC POUR PRINCIPE ACTIF UN ANTICORPS LIE A L'HAPTOGLOBINE DANS LE SANG ET FORMANT UN COMPLEXE IMMUN POLYVALENT**
[72] KATO, YUKO, JP
[72] NAKANO, RYOSUKE, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[85] 2018-09-26
[86] 2017-03-28 (PCT/JP2017/012736)
[87] (WO2017/170597)
[30] JP (2016-066829) 2016-03-29

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[25] EN
[54] **METHOD OF PRODUCING SUGAR LIQUID**
[54] **PROCEDE DE PRODUCTION DE LIQUEUR DE SUCRE**
[72] MINAMINO, ATSUSHI, JP
[72] FUNADA, SHIGEYUKI, JP
[72] KURIHARA, HIROYUKI, JP
[72] ASAHI, YUKA, JP
[72] KASAHARA, TAKUYA, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
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[86] 2017-03-28 (PCT/JP2017/012643)
[87] (WO2017/170552)
[30] JP (2016-066886) 2016-03-29

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[51] **Int.Cl. C07C 229/50 (2006.01) A61K 31/196 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **PRODRUG OF AMINO ACID DERIVATIVE**
[54] **PROMEDICAMENT DE DERIVE D'ACIDE AMINE**
[72] OTAKE, NORIKAZU, JP
[72] HASHIHAYATA, TAKASHI, JP
[72] MATSUDA, YOHEI, JP
[72] MASUDA, SEIJI, JP
[72] YAMAUCHI, YUKO, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
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[86] 2017-04-18 (PCT/JP2017/016125)
[87] (WO2017/183734)
[30] JP (2016-083147) 2016-04-18

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[25] EN
[54] **INVERTER AND METHOD FOR GENERATING AN ALTERNATING CURRENT**
[54] **ONDULEUR ET PROCEDE POUR GENERER UN COURANT ALTERNATIF**
[72] GENSIOR, ALBRECHT, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-09-26
[86] 2017-04-21 (PCT/EP2017/059557)
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[51] **Int.Cl. E21D 11/00 (2006.01) E21D 11/38 (2006.01)**
[25] EN
[54] **A TUNNEL WALL ELEMENT AND A METHOD OF ASSEMBLING TUNNEL WALLS COMPRISING THE TUNNEL WALL ELEMENTS**
[54] **ELEMENT DE PAROI DE TUNNEL ET PROCEDE D'ASSEMBLAGE DE PAROIS DE TUNNEL COMPRENANT LES ELEMENTS DE PAROI DE TUNNEL**
[72] JAKOBSEN, ROLF, NO
[71] FOAMROX AS, NO
[85] 2018-09-26
[86] 2017-03-29 (PCT/NO2017/050077)
[87] (WO2017/171558)
[30] NO (20160515) 2016-03-30
[30] NO (20160611) 2016-04-13

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[51] **Int.Cl. G01N 21/27 (2006.01)**
[25] EN
[54] **OBJECT STATE DETECTION/TRANSMISSION SYSTEM**
[54] **SYSTEME DE DETECTION/TRANSMISSION D'ETAT D'OBJET**
[72] TAKAHASHI, YUKIHIRO, JP
[72] NARUSE, NOBUYASU, JP
[71] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[85] 2018-09-26
[86] 2017-08-21 (PCT/JP2017/029791)
[87] (WO2018/038052)
[30] JP (2016-162160) 2016-08-22

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[13] A1
[51] **Int.Cl. B05B 12/14 (2006.01)**
[25] EN
[54] **SYSTEM FOR DISPENSING MULTIPLE COMPONENT CHEMICAL SPRAYS**
[54] **SYSTEME DE DISTRIBUTION DE JETS CHIMIQUES A CONSTITUANTS MULTIPLES**
[72] MCANDREW, CHARLES L., US
[72] BRANDT, TRAVIS T., US
[72] SNIDER, R. RYAN, US
[72] SWATZEL, KENNETH D., III, US
[72] COOK, TREY D., US
[72] BREWER, EDWARD R., US
[71] AKURATE DYNAMICS LLC, US
[85] 2018-09-26
[86] 2016-03-17 (PCT/US2016/022743)
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[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/00 (2006.01) A42B 3/12 (2006.01)**
[25] EN
[54] **FOOTBALL HELMET**
[54] **CASQUE DE FOOTBALL AMERICAIN**
[72] TUTUNARU, CATALIN, US
[71] IMPACT SOLUTION LLC, US
[85] 2018-09-26
[86] 2016-03-27 (PCT/US2016/024395)
[87] (WO2017/171694)

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[13] A1
[51] **Int.Cl. A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 473/32 (2006.01) G01N 23/083 (2018.01) G01N 23/20 (2018.01)**
[25] EN
[54] **SOLID FORMS OF (1S,4S)-4-(2-(((3S,4R)-3-FLUOROTETRAHYDRO-2H-PYRAN-4-YL)AMINO)-8-((2,4,6-TRICHLOROPHENYL)AMINO)-9H-PURIN-9-YL)-1-METHYLCYCLOHEXANE-1-CARBOXAMIDE AND METHODS OF THEIR USE**
[54] **FORMES SOLIDES DU (1S,4S)-4-(2-(((3S4R)-3-FLUOROTETRAHYDRO-2H-PYRAN-4-YL)AMINO)-8-((2,4,6-TRICHLOROPHENYL)AMINO)-9H-PURIN-9-YL)-1-METHYLCYCLOHEXANE-1-CARBOXAMIDE ET LEURS PROCEDESD'UTILISATION**
[72] CHEN, ZHENG, US
[72] FERNANDEZ, PAUL E., US
[72] GAEBELE, TRACY L., US
[72] HUANG, LIANFENG, US
[72] JACKSON, MATTHEW J., US
[72] KREILEIN, MATTHEW M., US
[72] LU, XIAOLING, US
[72] WU, WENJU, US
[72] XU, JEAN, US
[71] SIGNAL PHARMACEUTICALS, LLC, US
[85] 2018-09-25
[86] 2017-03-31 (PCT/US2017/025289)
[87] (WO2017/173218)
[30] US (62/317,468) 2016-04-01

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[13] A1
[51] **Int.Cl. B25D 11/06 (2006.01) A61B 17/92 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ORTHOPEDIC DEVICE DELIVERING A CONTROLLED, REPEATABLE IMPACT**
[54] **DISPOSITIF ORTHOPEDIQUE DELIVRANT UN IMPACT CONTROLE ET REPETABLE**
[72] PEDICINI, CHRISTOPHER, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2018-09-26
[86] 2017-03-01 (PCT/US2017/020218)
[87] (WO2018/044348)
[30] US (62/381,864) 2016-08-31
[30] US (62/393,975) 2016-09-13
[30] US (15/439,692) 2017-02-22
[30] US (PCT/US2017/018921) 2017-02-22

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[13] A1
[51] **Int.Cl. E21B 49/02 (2006.01) E21B 49/08 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **OBTAINING MICRO-AND MACRO-ROCK PROPERTIES WITH A CALIBRATED ROCK DEFORMATION SIMULATION**
[54] **OBTENTION DE PROPRIETES DE MICRO-ROCHE ET DE MACRO-ROCHE PAR UNE SIMULATION DE DEFORMATION DE ROCHE ETALONNEE**
[72] HOLLAND, MARC, US
[72] HOEINK, TOBIAS, US
[72] VAN DER ZEE, WOUTER, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-26
[86] 2017-03-20 (PCT/US2017/023161)
[87] (WO2017/172397)
[30] US (15/082,109) 2016-03-28

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[13] A1
[51] **Int.Cl. H01R 13/02 (2006.01)**
[25] EN
[54] **WIRING DEVICE WITH HEAT REMOVAL SYSTEM**
[54] **DISPOSITIF DE CABLAGE A SYSTEME D'EVACUATION DE CHALEUR**
[72] JANSEN, RONALD, US
[72] FREEMAN, SCOTT, US
[72] KEVELOS, ADAM, US
[72] ZIEGLER, WILLIAM R., US
[72] MOADEL, BENJAMIN, US
[71] LEVITON MANUFACTURING CO., INC., US
[85] 2018-09-26
[86] 2017-03-21 (PCT/US2017/023292)
[87] (WO2017/172405)
[30] US (15/085,060) 2016-03-30

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[13] A1
[51] **Int.Cl. B65G 69/32 (2006.01) B65G 69/00 (2006.01)**
[25] EN
[54] **WEATHER BARRIERS FOR VEHICLE LOADING DOCKS**
[54] **BARRIERES VIS-A-VIS DES INTEMPERIES POUR QUAIS DE CHARGEMENT DE VEHICULES**
[72] HEIM, FRANK, US
[72] WITHROW, RYAN, US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2018-09-26
[86] 2017-03-15 (PCT/US2017/022519)
[87] (WO2017/172363)
[30] US (15/086,909) 2016-03-31

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[13] A1
[51] **Int.Cl. B29C 61/04 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **HIGH FLASH POINT FLUIDS FOR IN SITU PLASTICIZATION OF POLYMERS**
[54] **FLUIDES A POINT D'ECLAIR ELEVE POUR LA PLASTIFICATION IN SITU DE POLYMERES**
[72] LIU, BAIRU, US
[72] SADANA, ANIL, US
[72] CREWS, JAMES B., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-26
[86] 2017-03-22 (PCT/US2017/023516)
[87] (WO2017/172432)
[30] US (15/082,080) 2016-03-28

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[51] **Int.Cl. C12N 9/22 (2006.01) A61K 48/00 (2006.01) C07K 14/705 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **CELL LINE FOR RECOMBINANT PROTEIN AND/OR VIRAL VECTOR PRODUCTION**
[54] **LIGNEE CELLULAIRE POUR LA PRODUCTION DE PROTEINE RECOMBINANTE ET/OU D'UN VECTEUR VIRAL RECOMBINANT**
[72] ZHOU, JINGMIN, US
[72] QU, GUANG, US
[72] WRIGHT, JOHN FRASER, US
[71] SPARK THERAPEUTICS, INC., US
[85] 2018-09-26
[86] 2017-03-30 (PCT/US2017/024951)
[87] (WO2017/173043)
[30] US (62/315,480) 2016-03-30

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[13] A1
[51] **Int.Cl. A61K 38/47 (2006.01) A61P 3/00 (2006.01) C12N 9/26 (2006.01)**
[25] EN
[54] **FORMULATIONS COMPRISING RECOMBINANT ACID ALPHA-GLUCOSIDASE**
[54] **FORMULATIONS COMPRENANT UNE ALPHA-GLUCOSIDASE ACIDE RECOMBINANTE**
[72] CHAR, HING, US
[72] TESLER, SERGEY, US
[72] SUNDERLAND, WENDY, US
[72] DILONE, ENRIQUE, US
[72] DO, HUNG, US
[72] GOTSCHALL, RUSSELL, US
[71] AMICUS THERAPEUTICS, INC., US
[85] 2018-09-26
[86] 2017-03-30 (PCT/US2017/024982)
[87] (WO2017/173060)
[30] US (62/315,436) 2016-03-30
[30] US (62/457,588) 2017-02-10
[30] US (15/473,999) 2017-03-30

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[51] **Int.Cl. A01K 91/12 (2006.01) D01F 8/04 (2006.01) D02G 3/40 (2006.01) D07B 1/16 (2006.01)**
[25] EN
[54] **FLY FISHING LINE AND METHOD FOR MANUFACTURING SAME**
[54] **LIGNE DE PECHE A LA MOUCHE ET SON PROCEDE DE FABRICATION**
[72] LEPAGE, JAMES, US
[72] WILKOWSKI, STEPHEN PAUL, US
[72] BOSWAY, ANDREW, US
[72] JENKINS, JOSHUA HERBERT, US
[71] SCIENTIFIC ANGLERS LLC, US
[71] JENKINS, JOSHUA HERBERT, US
[85] 2018-09-26
[86] 2017-03-22 (PCT/US2017/023561)
[87] (WO2017/165504)
[30] US (62/311,449) 2016-03-22

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[13] A1
[51] **Int.Cl. A61K 31/541 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **INHIBITORS OF INTEGRIN ALPHA 5 BETA 1 AND METHODS OF USE**
[54] **INHIBITEURS DE L'INTEGRINE ALPHA 5 BETA 1 ET LEURS PROCEDES D'UTILISATION**
[72] SHEPPARD, DEAN, US
[72] SUNDARAM, APARNA, US
[72] DEGRADO, WILLIAM F., US
[72] JO, HYUNIL, US
[72] MCINTOSH, JOEL, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025432)
[87] (WO2017/173302)
[30] US (62/317,422) 2016-04-01

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[13] A1
[51] **Int.Cl. C07F 9/28 (2006.01) C07D 207/30 (2006.01) C07D 213/20 (2006.01) C07D 233/54 (2006.01) C07F 9/40 (2006.01)**
[25] EN
[54] **MODIFIED IONIC LIQUIDS CONTAINING PHOSPHORUS**
[54] **LIQUIDES IONIQUES MODIFIES CONTENANT DU PHOSPHORE**
[72] MOGANTY, SURYA, US
[72] SINICROPI, JOHN, US
[72] TORRES, GABRIEL, US
[72] ABBATE, LUIGI, US
[72] WU, YUE, US
[71] NOHMS TECHNOLOGIES, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025464)
[87] (WO2017/173323)
[30] US (62/317,025) 2016-04-01

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[13] A1
[51] **Int.Cl. A61K 38/46 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **COLUMN-BASED FULLY SCALABLE RAAV MANUFACTURING PROCESS**
[54] **PROCEDE DE FABRICATION DE RAAV ENTIEREMENT EXTENSIBLE BASE SUR UNE COLONNE**
[72] QU, GUANG, US
[72] OH, YOUNGHOON, US
[72] LU, LIN, US
[72] WRIGHT, JOHN FRASER, US
[71] SPARK THERAPEUTICS, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025396)
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[30] US (62/316,252) 2016-03-31

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4725 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C08B 37/16 (2006.01)**
[25] EN
[54] **ISOQUINOLINYL TRIAZOLONE COMPLEXES**
[54] **COMPLEXES ISOQUINOLEINYLE-TRIAZOLONE**
[72] CHEN, RONGLIANG, US
[72] MANAM, PADMA, US
[72] ZENG, LU, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-09-26
[86] 2017-03-30 (PCT/US2017/025076)
[87] (WO2017/173111)
[30] US (62/316,520) 2016-03-31

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[51] **Int.Cl. A61K 35/12 (2015.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **BCMA BINDING MOLECULES AND METHODS OF USE THEREOF**
[54] **MOLECULES DE LIAISON A BCMA ET PROCEDES D'UTILISATION ASSOCIES**
[72] WILTZIUS, JED, US
[72] ALVAREZ RODRIGUEZ, RUBEN, US
[71] KITE PHARMA, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025516)
[87] (WO2017/173349)
[30] US (62/317,334) 2016-04-01

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[51] **Int.Cl. A61N 5/00 (2006.01) H02G 1/02 (2006.01) H02G 1/04 (2006.01) H02G 7/05 (2006.01)**
[25] EN
[54] **A BOOM MOUNTABLE BREAKER AND METHODS OF USING SAME**
[54] **DISJONCTEUR POUVANT ETRE MONTE SUR UNE PERCHE ET SES PROCEDES D'UTILISATION**
[72] O'CONNELL, DANIEL NEIL, CA
[72] WABNEGGER, DAVID KARL, CA
[71] QUANTA ASSOCIATES, L.P., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025502)
[87] (WO2017/173343)
[30] US (62/316,232) 2016-03-31

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[51] **Int.Cl. C07D 211/60 (2006.01) A61K 31/451 (2006.01) A61K 31/4525 (2006.01) A61K 31/675 (2006.01) A61K 38/05 (2006.01) C07F 9/59 (2006.01) C07F 9/6558 (2006.01)**
[25] EN
[54] **SOLUBLE C5AR ANTAGONISTS**
[54] **ANTAGONISTES DE C5AR SOLUBLES**
[72] FAN, PINGCHEN, US
[72] KRASINSKI, ANTONI, US
[72] MALI, VENKAT REDDY, US
[72] MIAO, SHICHANG, US
[72] PUNNA, SREENIVAS, US
[72] SONG, YANG, US
[72] STELLA, VALENTINO J., US
[72] ZENG, YIBIN, US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2018-09-26
[86] 2017-04-03 (PCT/US2017/025704)
[87] (WO2017/176620)
[30] US (62/317,721) 2016-04-04

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[51] **Int.Cl. C25B 1/10 (2006.01) C08J 5/22 (2006.01) C25B 9/08 (2006.01) C25B 13/08 (2006.01)**
[25] EN
[54] **WATER ELECTROLYZERS**
[54] **ELECTROLYSEURS D'EAU**
[72] MASEL, RICHARD I., US
[72] LIU, ZENGCAI, US
[71] DIOXIDE MATERIALS, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025626)
[87] (WO2017/176598)
[30] US (15/090,477) 2016-04-04
[30] US (15/400,775) 2017-01-06
[30] US (15/406,909) 2017-01-16

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[13] A1
[51] **Int.Cl. A61F 7/00 (2006.01)**
[25] EN
[54] **INDIRECTLY COOLED CRYOTHERAPY APPARATUS**
[54] **APPAREIL DE CRYOTHERAPIE A REFROIDISSEMENT INDIRECT**
[72] TREMBLEY, JEAN-PHILIPPE, US
[72] VIROUX, PATRICK, US
[72] TIEMESSEN, IVO JOHANNES HENDRIKUS, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2018-09-26
[86] 2017-04-03 (PCT/US2017/025705)
[87] (WO2017/176621)
[30] US (62/317,953) 2016-04-04
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[25] EN
[54] **HOT RUNNER CO-INJECTION NOZZLE**
[54] **BUSE DE CO-INJECTION A CANAL CHAUD**
[72] THOM, PETER R., US
[71] MILACRON LLC, US
[85] 2018-09-26
[86] 2017-04-04 (PCT/US2017/025922)
[87] (WO2017/176737)
[30] US (62/318,155) 2016-04-04

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[25] EN
[54] **SIDE TO SIDE ROLLER TARP SYSTEM**
[54] **SYSTEME DE BACHE A ROULEAUX ALLANT D'UN COTE A UN AUTRE COTE**
[72] HUNTER, STEPHEN, US
[72] PICCARD, DOUGLAS, US
[72] MALCOLM, ROBERT, US
[72] PINON, JAMES, US
[71] ROLL-RITE, LLC, US
[85] 2018-09-26
[86] 2017-03-30 (PCT/US2017/025215)
[87] (WO2017/173189)
[30] US (62/315,053) 2016-03-30

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[13] A1
[51] **Int.Cl. A22C 25/12 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING THE PRONE/SUPINE POSITION OF FISH CONVEYED BY MEANS OF A CONVEYING DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR IDENTIFIER LA POSITION VENTRALE/DORSALE DE POISSONS ACHEMINES AU MOYEN D'UN DISPOSITIF DE TRANSPORT**
[72] SCHUBERT, FRANK, DE
[72] HERBST, JAN-PATRICK, DE
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2018-09-26
[86] 2017-04-24 (PCT/EP2017/059616)
[87] (WO2017/186622)
[30] DE (10 2016 107 687.2) 2016-04-26

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[51] **Int.Cl. C12N 5/0781 (2010.01) C12N 15/90 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHODS OF GENOME EDITING OF B-CELLS**
[54] **COMPOSITION ET METHODES D'EDITION GENOMIQUE DE LYMPHOCYTES B**
[72] GOLDBERG, MICHAEL, US
[72] GREINER, VERA, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-09-26
[86] 2017-04-04 (PCT/US2017/026011)
[87] (WO2017/176806)
[30] US (PCT/US2016/025920) 2016-04-04
[30] US (15/161,213) 2016-05-21

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[13] A1
[51] **Int.Cl. A61K 31/56 (2006.01) C07J 1/00 (2006.01)**
[25] EN
[54] **OXYSTEROLS AND METHODS OF USE THEREOF**
[54] **OXYSTEROLS ET LEURS METHODES D'UTILISATION**
[72] ROBICHAUD, ALBERT JEAN, US
[72] SALITURO, FRANCESCO G., US
[72] MARTINEZBOTELLA, GABRIEL, US
[72] HARRISON, BOYD L., US
[72] REID, JOHN GREGORY, US
[71] SAGE THERAPEUTICS, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025535)
[87] (WO2017/173358)
[30] US (62/317,002) 2016-04-01

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[13] A1
[51] **Int.Cl. B32B 37/00 (2006.01) B44C 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PLASTIC VEHICLE ADD-ON PART**
[54] **PROCEDE DE FABRICATION D'UNE PIECE RAPPORTEE DE VEHICULE EN MATIERE PLASTIQUE**
[72] WEISSENBERGER, UWE, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-09-26
[86] 2017-05-08 (PCT/EP2017/060877)
[87] (WO2017/215840)
[30] EP (16174290.3) 2016-06-14

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[25] EN
[54] **CHIMERIC ANTIGEN AND T CELL RECEPTORS AND METHODS OF USE**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ET RECEPTEURS DE LYMPHOCYTES T ET LEURS PROCEDES D'UTILISATION**
[72] WILTZIUS, JED, US
[71] KITE PHARMA, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025351)
[87] (WO2017/173256)
[30] US (62/317,258) 2016-04-01

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[13] A1
[51] **Int.Cl. B01F 3/04 (2006.01)**
[25] EN
[54] **WINE BOTTLE AERATOR**
[54] **AERATEUR DE BOUTEILLE DE VIN**
[72] STEVENSON, ROBERT A., US
[72] STEVENSON, WENDY L., US
[72] STEVENSON, JENNIFER L., US
[72] STEVENSON, RYAN A., US
[71] STEVENSON, ROBERT A., US
[71] STEVENSON, WENDY L., US
[71] STEVENSON, JENNIFER L., US
[71] STEVENSON, RYAN A., US
[85] 2018-09-26
[86] 2017-04-03 (PCT/US2017/025668)
[87] (WO2017/176606)
[30] US (15/089,582) 2016-04-03
[30] US (15/089,584) 2016-04-03
[30] US (15/230,716) 2016-08-08

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[13] A1
[51] **Int.Cl. G08B 21/04 (2006.01) A61B 5/11 (2006.01) G08B 21/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE**
[72] LINDSTROM, JUHA, FI
[72] SUNDHOLM, GORAN, FI
[71] MARICARE OY, FI
[85] 2018-09-26
[86] 2017-03-20 (PCT/FI2017/050186)
[87] (WO2017/168043)
[30] FI (20165260) 2016-03-29

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[51] **Int.Cl. G05B 11/32 (2006.01) C02F 1/68 (2006.01) G01N 15/02 (2006.01) G05B 11/36 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR OPTIMIZATION OF COAGULATION AND/OR FLOCCULATION IN A WATER TREATMENT PROCESS**
[54] **PROCEDE ET SYSTEME POUR OPTIMISER LA COAGULATION ET/OU LA FLOCULATION DANS UN PROCESSUS DE TRAITEMENT DE L'EAU**
[72] PIIRONEN, MARJATTA, FI
[72] JOENSUU, IIRIS, FI
[72] HESAMPOUR, MEHRDAD, FI
[71] KEMIRA OYJ, FI
[85] 2018-09-26
[86] 2017-03-31 (PCT/FI2017/050229)
[87] (WO2017/168054)
[30] FI (20165282) 2016-04-01

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **BIOMETRIC SYSTEM WITH PHOTOACOUSTIC IMAGING**
[54] **SYSTEME BIOMETRIQUE A IMAGERIE PHOTO-ACOUSTIQUE**
[72] LU, YIPENG, US
[72] BURNS, DAVID WILLIAM, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-26
[86] 2017-04-05 (PCT/US2017/026196)
[87] (WO2017/192233)
[30] US (15/149,046) 2016-05-06

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[13] A1
[51] **Int.Cl. A61C 7/10 (2006.01)**
[25] FR
[54] **PALATAL EXPANSION DEVICE (PALATAL EXPANDER)**
[54] **DISPOSITIF D'EXPANSION PALATINE (DISJONCTEUR MAXILLAIRE)**
[72] ATLAN, DAVID, FR
[71] ATLAN, DAVID, FR
[85] 2018-09-26
[86] 2017-04-05 (PCT/FR2017/050801)
[87] (WO2017/174929)
[30] FR (1653141) 2016-04-08

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[13] A1
[51] **Int.Cl. B62B 7/00 (2006.01) B62B 7/12 (2006.01) B62B 9/12 (2006.01) B62B 9/28 (2006.01)**
[25] FR
[54] **SINGLE PUSHCHAIR THAT CAN BE CONVERTED INTO A TANDEM PUSHCHAIR THAT IS PRACTICAL TO USE**
[54] **POUSSETTE SIMPLE CONVERTIBLE EN POUSSETTE TANDEM D'UTILISATION PRATIQUE**
[72] PERROT, BENEDICTE, FR
[71] VIDIAMO, FR
[85] 2018-09-26
[86] 2017-04-18 (PCT/FR2017/050915)
[87] (WO2017/182751)
[30] FR (1653462) 2016-04-19

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **BIOMETRIC SYSTEM WITH PHOTOACOUSTIC IMAGE PROCESSING**
[54] **SYSTEME BIOMETRIQUE A TRAITEMENT D'IMAGE PHOTO-ACOUSTIQUE**
[72] LU, YIPENG, US
[72] BURNS, DAVID WILLIAM, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-26
[86] 2017-04-05 (PCT/US2017/026203)
[87] (WO2017/192234)
[30] US (15/149,048) 2016-05-06

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[13] A1
[51] **Int.Cl. G01S 1/00 (2006.01)**
[25] EN
[54] **DRIVER GUIDANCE FOR GUIDED MANEUVERING**
[54] **GUIDAGE DE CONDUCTEUR POUR MAN UVRE GUIDEE**
[72] LEWIS, MICHAEL W., US
[72] VAN LATUM, LUCAS, US
[72] ROTTIG, ANDREE, US
[72] CASSON, WILLIAM, US
[71] MODULAR MINING SYSTEMS, INC., US
[85] 2018-09-26
[86] 2017-04-06 (PCT/US2017/026318)
[87] (WO2017/180430)
[30] US (15/094,225) 2016-04-08

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[13] A1
[51] **Int.Cl. H04W 24/02 (2009.01) H04W 36/00 (2009.01) H04W 36/08 (2009.01) H04W 36/30 (2009.01) H04L 12/24 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **SERVICE DELIVERY TO HANDED OVER USER EQUIPMENT (UE) USING A SOFTWARE-DEFINED NETWORKING (SDN) CONTROLLER**
[54] **DISTRIBUTION DE SERVICES A UN EQUIPEMENT D'UTILISATEUR (UE) ITINERANT A L'AIDE D'UN CONTROLEUR DE RESEAUTAGE DEFINI PAR LOGICIEL (SDN)**
[72] WITZEL, ANDREAS, DE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2018-09-26
[86] 2016-03-29 (PCT/IB2016/051754)
[87] (WO2017/168205)

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[13] A1
[51] **Int.Cl. A61F 9/009 (2006.01)**
[25] EN
[54] **PATIENT INTERFACE DEVICE FOR LASER EYE SURGERY HAVING LIGHT GUIDING STRUCTURE FOR ILLUMINATING EYE**
[54] **DISPOSITIF D'INTERFACE PATIENT POUR CHIRURGIE OCULAIRE AU LASER, DOTE D'UNE STRUCTURE DE GUIDAGE DE LUMIERE DESTINEE A ECLAIRER L'OEIL**
[72] GARCIA, JOSE L., US
[72] ACCURSO, ROGER W., US
[71] AMO DEVELOPMENT, LLC, US
[85] 2018-09-26
[86] 2017-04-05 (PCT/US2017/026084)
[87] (WO2017/176850)
[30] US (62/318,693) 2016-04-05

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[13] A1
[51] **Int.Cl. G10H 7/00 (2006.01)**
[25] EN
[54] **MUSIC CONTROL DEVICE AND METHOD OF OPERATING SAME**
[54] **DISPOSITIF DE COMMANDE DE MUSIQUE ET PROCEDE POUR LE FAIRE FONCTIONNER**
[72] GARNCARZ, DARIUSZ BARTLOMIEJ, CA
[71] GARNCARZ, DARIUSZ BARTLOMIEJ, CA
[85] 2018-09-27
[86] 2017-04-06 (PCT/CA2017/050423)
[87] (WO2017/173547)
[30] US (62/319,176) 2016-04-06

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[13] A1
[51] **Int.Cl. H04N 5/262 (2006.01) H04N 5/222 (2006.01) H04N 5/247 (2006.01)**
[25] EN
[54] **GENERATING INTERMEDIATE VIEWS USING OPTICAL FLOW**
[54] **GENERATION DE VUES INTERMEDIAIRES AU MOYEN D'UN FLUX OPTIQUE**
[72] CABRAL, BRIAN KEITH, US
[72] BRIGGS, FORREST SAMUEL, US
[72] POZO, ALBERT PARRA, US
[72] VAJDA, PETER, US
[71] FACEBOOK, INC., US
[85] 2018-09-26
[86] 2017-04-06 (PCT/US2017/026321)
[87] (WO2017/176975)
[30] US (62/319,074) 2016-04-06
[30] US (15/096,165) 2016-04-11

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[13] A1
[51] **Int.Cl. A61K 36/9066 (2006.01) A61K 36/00 (2006.01)**
[25] EN
[54] **WATER SOLUBLE FORMULATION (LIQUID) OF CURCUMINOIDS AND PROCESS THEREOF**
[54] **FORMULATION HYDROSOLUBLE (LIQUIDE) DE CURCUMINOIDES ET PROCEDE ASSOCIE**
[72] POTTI, AJAY SUNIL KIRAN KUMAR, IN
[72] VADLAMUDI, KRISHNA VENI, IN
[71] MEDCLEAR HEALTHCARE PRIVATE LIMITED, IN
[85] 2018-09-26
[86] 2017-03-07 (PCT/IB2017/051315)
[87] (WO2017/175077)
[30] IN (201641012270) 2016-04-07

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[51] **Int.Cl. A61B 17/22 (2006.01) A61M 1/00 (2006.01) A61M 5/00 (2006.01) A61M 5/142 (2006.01) A61M 5/145 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THROMBOLYSIS AND DELIVERY OF AN AGENT**
[54] **SYSTEMES ET PROCEDES POUR LA THROMBOLYSE ET L'ADMINISTRATION D'UN AGENT**
[72] CULBERT, BRADLEY S., US
[72] LOOK, DAVID M., US
[72] MALLABY, MARK, US
[71] WALK VASCULAR, LLC, US
[85] 2018-09-26
[86] 2017-04-06 (PCT/US2017/026383)
[87] (WO2017/177022)
[30] US (62/318,972) 2016-04-06
[30] US (15/480,354) 2017-04-05

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[51] **Int.Cl. G07C 9/00 (2006.01) E05B 19/00 (2006.01) B60R 25/00 (2013.01) G07B 15/00 (2011.01)**
[25] EN
[54] **SECURITY DEVICE FOR HOLDING AND SHARING A KEY**
[54] **DISPOSITIF DE SECURITE POUR CONTENIR ET PARTAGER UNE CLE**
[72] TESTA, ANDREA, IT
[72] COLLEONI, MARGHERITA, IT
[72] ALLI, GIOVANNI, IT
[72] SAVARESI, SERGIO MATTEO, IT
[72] ODORIZZI, GIANMARCO, IT
[72] RUSSI, VINCENZO, IT
[72] BONIOLO, IVO EMANUELE FRANCESCO, IT
[72] VENA, MARCELLO, IT
[72] BOTTELLI, STEFANO, IT
[71] Y.SHARE S.R.L., IT
[85] 2018-09-26
[86] 2017-03-29 (PCT/IB2017/051793)
[87] (WO2017/168341)
[30] IT (102016000033761) 2016-04-01
[30] IT (102016000057155) 2016-06-03

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[51] **Int.Cl. G01K 17/06 (2006.01) A61M 16/22 (2006.01) G01K 17/00 (2006.01)**
[25] EN
[54] **TEMPERATURE-BASED ESTIMATION OF SCRUBBING CAPACITY OF A GAS SCRUBBER**
[54] **ESTIMATION A BASE DE TEMPERATURE DE LA CAPACITE D'EPURATION D'UN EPURATEUR DE GAZ**
[72] WARKANDER, DAN, US
[71] ABSORBERGAUGE LLC, US
[85] 2018-09-26
[86] 2017-04-08 (PCT/US2017/026729)
[87] (WO2017/177212)
[30] US (62/320,415) 2016-04-08

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[13] A1
[51] **Int.Cl. C09K 8/524 (2006.01) C09K 8/00 (2006.01) C09K 8/52 (2006.01) E21B 37/00 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **DISPERSANTS AND DISSOLVERS FOR REMOVAL OF ASPHALTENE DEPOSITS**
[54] **AGENTS DE DISPERSION ET AGENTS DE DISSOLUTION SERVANT A ELIMINER LES DEPOTS D'ASPHALTENE**
[72] JANAK, KEVIN E., US
[72] COLBY, STEVEN J., US
[71] LONZA, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025369)
[87] (WO2017/173266)
[30] US (62/317,000) 2016-04-01

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[51] **Int.Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01) A61M 3/02 (2006.01)**
[25] EN
[54] **AUTOMATED VISCOUS FLUID CONTROL IN VITREORETINAL SURGERY**
[54] **REGULATION AUTOMATISEE DE LIQUIDE VISQUEUX EN CHIRURGIE VITREO-RETINIENNE**
[72] HEEREN, TAMMO, US
[72] JOHNSON, ANDREW DAVID, US
[71] NOVARTIS AG, CH
[85] 2018-09-26
[86] 2017-05-10 (PCT/IB2017/052738)
[87] (WO2017/199135)
[30] US (62/337,681) 2016-05-17

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[51] **Int.Cl. A47K 5/12 (2006.01) B05B 7/00 (2006.01) B05B 11/00 (2006.01) F04B 43/02 (2006.01)**
[25] EN
[54] **SEQUENTIALLY ACTIVATED MULTI-DIAPHRAGM FOAM PUMPS, REFILL UNITS AND DISPENSER SYSTEMS**
[54] **POMPES A MOUSSE MULTI-DIAPHRAGMES ACTIVEES SEQUENTIELLEMENT, UNITES DE REMPLISSAGE ET SYSTEMES DE DISTRIBUTEUR**
[72] CIAVARELLA, NICK E., US
[72] JENKINS, DENNIS K., US
[72] MARSHALL, AARON D., US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-09-26
[86] 2017-04-06 (PCT/US2017/026293)
[87] (WO2017/176967)
[30] US (62/319,061) 2016-04-06

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[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **REPLACEABLE FACE-MILLING HEAD WITH INTEGRALLY FORMED THREADED SHANK-CONNECTOR**
[54] **TETE DE FRAISAGE EN BOUT INTERCHANGEABLE POURVUE D'UN RACCORD FILETE DE QUEUE FORME D'UN SEUL TENANT**
[72] BUDDA, ELIYAHU, IL
[72] HARPAZ, JACOB, IL
[72] ERLICH, ELY, IL
[71] ISCAR LTD., IL
[85] 2018-09-26
[86] 2017-03-27 (PCT/IL2017/050379)
[87] (WO2017/179037)
[30] US (15/096,806) 2016-04-12

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[13] A1
[51] **Int.Cl. B01D 3/00 (2006.01) C07C 29/76 (2006.01) C07C 29/78 (2006.01) C07C 29/88 (2006.01) C07C 31/20 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO REMOVE ACIDIC SPECIES FROM A RICH MEG STREAM BY STRIPPING**
[54] **SYSTEME ET PROCEDE D'ELIMINATION D'ESPECES ACIDES A PARTIR D'UN FLUX RICHE EN MEG PAR EXTRACTION**
[72] KNIGHT, DAVID JOHN, MY
[72] LANGLEY, STEVEN, GB
[71] CAMERON SOLUTIONS, INC., US
[85] 2018-09-26
[86] 2017-03-31 (PCT/US2017/025404)
[87] (WO2017/173286)
[30] US (15/089,076) 2016-04-01

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[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01) B61G 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUFACTURING RAILCAR COUPLER HEADCORES**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE MOULES D'ATTELAGE DE WAGON**
[72] FLOAT, JOSEPH T., US
[72] GAGLIARDINO, JOSEPH L., US
[72] KRAMER, SCOTT J., US
[72] BRICKER, GERALD J., US
[72] NEUMAN, DAVID S., US
[71] MCCONWAY & TORLEY, LLC, US
[85] 2018-09-26
[86] 2017-04-12 (PCT/US2017/027223)
[87] (WO2017/180754)
[30] US (62/321,824) 2016-04-13

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[13] A1
[51] **Int.Cl. G06F 21/36 (2013.01) H04W 12/06 (2009.01)**
[25] EN
[54] **4D BARCODE**
[54] **CODE-BARRES 4D**
[72] SMITH, GAVIN, GB
[72] REYMANN, STEFFEN, GB
[71] CUBIC CORPORATION, US
[85] 2018-09-26
[86] 2017-04-27 (PCT/US2017/029793)
[87] (WO2017/189820)
[30] US (62/328,314) 2016-04-27

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/375 (2006.01) A61P 27/02 (2006.01) A61P 27/10 (2006.01)**
[25] EN
[54] **OPHTHALMIC COMPOSITIONS COMPRISING LEVODOPA, AN ANTIOXIDANT AND AN AQUEOUS CARRIER**
[54] **COMPOSITIONS OPHTALMIQUES COMPRENANT DE LA LEVODOPA, UN ANTIOXYDANT ET UN SUPPORT AQUEUX**
[72] ASHBY, REGAN, AU
[71] UNIVERSITY OF CANBERRA, AU
[85] 2018-09-27
[86] 2017-04-10 (PCT/AU2017/050310)
[87] (WO2017/177262)
[30] AU (2016901339) 2016-04-11

[21] **3,019,179**
[13] A1
[51] **Int.Cl. A61L 15/58 (2006.01)**
[25] EN
[54] **SILICONE FREE PRODUCTS WITH EQUIVALENT ADHESION AND SILICONE-LIKE LOW TRAUMA SKIN CONTACT PROPERTIES**
[54] **PRODUITS SANS SILICONE AYANT UNE ADHERENCE EQUIVALENTE ET DES PROPRIETES DE CONTACT AVEC LA PEAU FAIBLEMENT TRAUMATISANT SIMILAIRE A UNE SILICONE**
[72] CARR, JAN, US
[72] SCHUETTE, MARIO, DE
[72] SHORT, AUSTIN, US
[72] HOFFMANN, GREGG, US
[71] LOHMANN CORPORATION, US
[85] 2018-09-26
[86] 2017-04-11 (PCT/US2017/026965)
[87] (WO2017/180595)
[30] US (62/320,781) 2016-04-11

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[51] **Int.Cl. G01V 9/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND DEVICES FOR MODELLING RESERVOIR PROPERTIES**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS PERMETTANT DE MODELISER LES PROPRIETES D'UN RESERVOIR**
[72] ZANON, STEFAN, CA
[72] CAMPAGNA, DAVID, CA
[72] NOBLE, GRAHAM ANDREW ROBERT, CA
[71] NEXEN ENERGY ULC, CA
[85] 2018-09-27
[86] 2016-03-30 (PCT/CA2016/050369)
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[13] A1
[51] **Int.Cl. G01N 1/40 (2006.01) B82Y 25/00 (2011.01) B81B 3/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **DMF METHOD AND SYSTEM FOR CONCENTRATING ANALYTE FROM LARGE VOLUMES INTO SMALLER VOLUMES USING MAGNETIC MICROPARTICLES**
[54] **PROCEDE ET SYSTEME DMF PERMETTANT DE CONCENTRER UN ANALYTE A PARTIR DE GRANDS VOLUMES EN VOLUMES PLUS PETITS A L'AIDE DE MICROPARTICULES MAGNETIQUES**
[72] RACKUS, DARIUS GEORGE, CH
[72] WHEELER, AARON RAY, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2018-09-27
[86] 2017-03-31 (PCT/CA2017/050399)
[87] (WO2017/219122)
[30] US (62/317,042) 2016-04-01

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **HCK AS A THERAPEUTIC TARGET IN MYD88 MUTATED DISEASES**
[54] **HCK UTILISE EN TANT QUE CIBLE THERAPEUTIQUE DANS DES MALADIES AYANT DES MUTATIONS DE MYD88**
[72] TREON, STEVEN P., US
[72] YANG, GUANG, US
[72] GRAY, NATHANAEL S., US
[72] BUHRLAGE, SARA JEAN, US
[72] TAN, LI, CN
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-09-26
[86] 2017-04-28 (PCT/US2017/030116)
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[51] **Int.Cl. G06F 3/039 (2013.01) G06F 3/0362 (2013.01) G06F 3/0484 (2013.01) G06F 3/0488 (2013.01) G06F 1/16 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **USER INTERFACE FOR A TOUCHSCREEN OF A PORTABLE COMMUNICATION DEVICE**
[54] **INTERFACE UTILISATEUR POUR UN ECRAN TACTILE D'UN DISPOSITIF DE COMMUNICATION PORTATIF**
[72] RICHARDS, SCOTT H., US
[72] DUMAN, GOKTUG, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-09-26
[86] 2017-04-12 (PCT/US2017/027175)
[87] (WO2017/189235)
[30] US (15/139,969) 2016-04-27

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[13] A1
[51] **Int.Cl. C10M 133/52 (2006.01) C10M 149/14 (2006.01) C10M 159/12 (2006.01)**
[25] EN
[54] **POLYESTER DISPERSANTS, SYNTHESIS AND USE THEREOF**
[54] **AGENTS DISPERSANTS POLYESTER, LEUR SYNTHESE ET LEUR UTILISATION**
[72] RUHE, WILLIAM RAYMOND, JR., US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2018-09-26
[86] 2017-07-11 (PCT/US2017/041477)
[87] (WO2018/013527)
[30] US (15/210,287) 2016-07-14

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[13] A1
[51] **Int.Cl. F23D 11/40 (2006.01) F23D 11/10 (2006.01) F27D 13/00 (2006.01)**
[25] EN
[54] **BURNER FOR GAS HEATED FURNACE AND METHOD OF OPERATION THEREOF**
[54] **BRULEUR POUR FOUR A GAZ ET SON PROCEDE DE FONCTIONNEMENT**
[72] DORVAL, ERIC, CA
[72] BEAUDIN, STEVE, CA
[72] DE CARUFEL, GUY, CA
[71] METAL 7 INC., CA
[85] 2018-09-27
[86] 2017-04-05 (PCT/CA2017/050413)
[87] (WO2017/173537)
[30] US (62/318,393) 2016-04-05

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[13] A1
[51] **Int.Cl. C08L 23/08 (2006.01) H01B 3/44 (2006.01) H01B 7/295 (2006.01)**
[25] EN
[54] **WIRE SHEATHING AND INSULATION COMPOSITIONS**
[54] **COMPOSITIONS DE GAINE ET D'ISOLANT DE FIL**
[72] SLEVIN, MIKE EDWARD, GB
[72] ROBERTS, DAVID GERAINT, US
[71] AEI COMPOUNDS LTD., GB
[71] SACO AEI POLMERS, INC., US
[85] 2018-09-26
[86] 2018-02-23 (PCT/US2018/019452)
[87] (WO2018/160460)
[30] US (62/465,509) 2017-03-01

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[13] A1
[51] **Int.Cl. H02K 9/19 (2006.01) H02K 1/20 (2006.01)**
[25] EN
[54] **LIQUID COOLED ELECTRIC MACHINE WITH ENCLOSED STATOR**
[54] **MACHINE ELECTRIQUE REFROIDIE PAR LIQUIDE A STATOR FERME**
[72] DEXTRAZE, JEAN-PHILIPPE, CA
[72] LATULIPE, ERIC, CA
[72] PHILIBERT, YANNICK, CA
[72] HOULE, MARTIN, CA
[71] TM4 INC., CA
[85] 2018-09-27
[86] 2017-04-11 (PCT/CA2017/050442)
[87] (WO2017/177321)
[30] US (62/321,376) 2016-04-12

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01) C12Q 1/68 (2018.01) G01N 1/00 (2006.01) G01N 1/28 (2006.01) G01N 21/64 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **NEW APPARATUS AND METHODS FOR DISEASE DETECTION**
[54] **NOUVEL APPAREIL ET PROCEDES DE DETECTION DE MALADIE**
[72] YU, CHRIS C., US
[71] SHANGHAI XINSHENPAI TECHNOLOGY CO., LTD., CN
[85] 2018-09-26
[86] 2018-03-09 (PCT/US2018/021871)
[87] (WO2018/165625)
[30] US (62/470,181) 2017-03-10
[30] US (62/627,481) 2018-02-07
[30] US (62/635,866) 2018-02-27

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[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) C08K 5/14 (2006.01) C08K 5/3435 (2006.01) C08K 5/3492 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **CROSSLINKABLE POLYMERIC COMPOSITIONS WITH METHYL-RADICAL SCAVENGERS AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS POLYMERES RETICULABLES COMPRENANT DES PIEGEURS DE RADICAUX METHYLE, ET ARTICLES FABRIQUES A PARTIR DE CELLES-CI**
[72] SUN, YABIN, CN
[72] COGEN, JEFFREY M., US
[72] LI, WEI, CN
[72] CAI, YU, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-27
[86] 2016-03-30 (PCT/CN2016/077825)
[87] (WO2017/166105)

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING OPTIMIZED CUSTOMER TOUCHPOINTS**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER DES POINTS DE CONTACT OPTIMISES AVEC LA CLIENTELE**
[72] AYOUB, WALEED, CA
[72] KENG, BRIAN, CA
[71] RUBIKLOUD TECHNOLOGIES INC., CA
[85] 2018-09-27
[86] 2017-03-28 (PCT/CA2017/050383)
[87] (WO2017/219121)
[30] US (62/313,906) 2016-03-28

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SERVICE CHAIN LOAD BALANCING**
[54] **SYSTEME ET PROCEDE D'EQUILIBRAGE DE CHARGE DE CHAINE DE SERVICES**
[72] PARAMASIVAM, SANKAR MUTHU, US
[71] CITRIX SYSTEMS, INC., US
[85] 2018-09-26
[86] 2017-04-12 (PCT/US2017/027271)
[87] (WO2017/189239)
[30] US (15/143,181) 2016-04-29

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[13] A1
[51] **Int.Cl. C25B 11/04 (2006.01) C25B 1/10 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **A TECHNIQUE FOR IN-SITU ANODE ACTIVATION BY A CATHODE IN AN ALKALINE WATER ELECTROLYTIC CELL**
[54] **TECHNIQUE D'ACTIVATION D'ANODE IN SITU PAR UNE CATHODE DANS UNE CELLULE ELECTROLYTIQUE POUR L'ELECTROLYSE D'EAU ALCALINE**
[72] CASPERSEN, MICHAEL, DK
[72] EGELUND, SUNE DAASKOV, DK
[72] THERKILDSEN, KASPER TIPSMARK, DK
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-09-27
[86] 2016-03-31 (PCT/EP2016/057047)
[87] (WO2017/167373)

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[13] A1
[51] **Int.Cl. F24H 1/22 (2006.01) F02N 19/10 (2010.01) F23N 5/26 (2006.01) F24H 1/08 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **VEHICLE HEATER AND CONTROLS THEREFOR**
[54] **APPAREIL DE CHAUFFAGE DE VEHICULE ET COMMANDES ASSOCIEES**
[72] STRANG, KENNETH, CA
[72] WILNECHENKO, BRUCE, CA
[72] THOMAS, KORBIN, CA
[71] MARINE CANADA ACQUISITION INC., CA
[85] 2018-09-27
[86] 2017-03-30 (PCT/CA2017/050391)
[87] (WO2017/165973)
[30] US (62/315,527) 2016-03-30

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[13] A1
[51] **Int.Cl. B08B 17/02 (2006.01) B01F 17/46 (2006.01) C09D 5/16 (2006.01)**
[25] EN
[54] **SURFACTANT ADDITIVES FOR DIGITAL MICROFLUIDIC DEVICES FOR HIGH PROTEIN CONTENT DROPLETS TRANSPORT**
[54] **ADDITIFS TENSIOACTIFS POUR DISPOSITIFS MICROFLUIDIQUES NUMERIQUES POUR LE TRANSPORT DE GOUTTELETTES A TENEUR ELEVEE EN PROTEINES**
[72] FOBEL, RYAN, CA
[72] NG, ALPHONSUS HON-GHUNG, CA
[72] WHEELER, AARON RAY, CA
[72] HO, MAN HO STEPHEN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2018-09-27
[86] 2017-03-31 (PCT/CA2017/050398)
[87] (WO2017/173530)
[30] US (62/320,079) 2016-04-08

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[13] A1
[51] **Int.Cl. A01K 11/00 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **EAR TAG FOR LIVESTOCK AND METHOD FOR PRODUCING AN EAR TAG FOR LIVESTOCK**
[54] **ETIQUETTE D'OREILLE POUR BETAIL ET PROCEDE DE FABRICATION D'UNE ETIQUETTE D'OREILLE POUR BETAIL**
[72] BAILEY, ROBERT DOUGLAS, US
[72] PACHOUD, DAMIEN, CH
[71] DATAMARS SA, CH
[85] 2018-09-27
[86] 2016-07-07 (PCT/EP2016/066141)
[87] (WO2018/006965)

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[13] A1
[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/20 (2006.01) A63B 71/10 (2006.01)**
[25] EN
[54] **READILY REMOVABLE CATCHER'S HELMET**
[54] **CASQUE DE RECEVEUR FACILEMENT AMOVIBLE**
[72] MELOFCHIK, RYAN, US
[72] OSAWA, TAZO, US
[71] EASTON DIAMOND SPORTS, LLC, US
[85] 2018-09-26
[86] 2017-04-06 (PCT/US2017/026428)
[87] (WO2017/177053)
[30] US (62/320,158) 2016-04-08

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **ICOS LIGAND VARIANT IMMUNOMODULATORY PROTEINS AND USES THEREOF**
[54] **PROTEINES IMMUNOMODULATRICES A VARIANTS DU LIGAND ICOS ET LEURS UTILISATIONS**
[72] SWANSON, RYAN, US
[72] KORNACKER, MICHAEL, US
[71] ALPINE IMMUNE SCIENCES, INC., US
[85] 2018-09-26
[86] 2017-04-14 (PCT/US2017/027811)
[87] (WO2017/181148)
[30] US (62/323,608) 2016-04-15
[30] US (62/394,745) 2016-09-14
[30] US (62/410,842) 2016-10-20
[30] US (62/472,568) 2017-03-16
[30] US (62/475,162) 2017-03-22

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[13] A1
[51] **Int.Cl. A61K 31/16 (2006.01) A61L 27/16 (2006.01) A61L 27/52 (2006.01) A61P 19/02 (2006.01) C08F 220/56 (2006.01) C08L 33/26 (2006.01)**
[25] EN
[54] **POLYACRYLAMIDE HYDROGEL FOR USE IN THE PREVENTION AND/OR TREATMENT OF SYNOVITIS IN A MAMMAL**
[54] **HYDROGEL DE POLYACRILAMIDE DESTINE A ETRE UTILISE DANS LE TRAITEMENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE DE LA SYNOVITE CHEZ UN MAMMIFERE**
[72] ANKORINA-STARK, IEVA, DK
[72] CHRISTENSEN, LISE HANNE, DK
[71] CONTURA INTERNATIONAL A/S, SE
[85] 2018-09-27
[86] 2017-03-30 (PCT/DK2017/050099)
[87] (WO2017/167348)
[30] EP (16163450.6) 2016-03-31

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **CD80 VARIANT IMMUNOMODULATORY PROTEINS AND USES THEREOF**
[54] **PROTEINES IMMUNOMODULATRICES A VARIANTS DE CD80 ET LEURS UTILISATIONS**
[72] SWANSON, RYAN, US
[72] KORNACKER, MICHAEL, US
[71] ALPINE IMMUNE SCIENCES, INC., US
[85] 2018-09-26
[86] 2017-04-14 (PCT/US2017/027817)
[87] (WO2017/181152)
[30] US (62/323,595) 2016-04-15
[30] US (62/394,743) 2016-09-14
[30] US (62/410,844) 2016-10-20
[30] US (62/472,570) 2017-03-16
[30] US (62/475,201) 2017-03-22

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 99/00 (2012.01)**
[25] EN
[54] **RESPIRATORY CARE SYSTEM WITH ELECTRONIC INDICATOR**
[54] **SYSTEME DE SOINS RESPIRATOIRES AVEC INDICATEUR ELECTRONIQUE**
[72] COSTELLA, STEPHEN, CA
[72] KIRCHNER, ALANNA, CA
[72] NOWAK, BART, CA
[72] ALIZOTI, NERITAN, CA
[72] MYER, ADAM, CA
[72] ROMANCZUK, GREG, CA
[72] SAKARIA, RONAK, CA
[71] TRUDELL MEDICAL INTERNATIONAL, CA
[85] 2018-09-18
[86] 2017-03-23 (PCT/IB2017/051695)
[87] (WO2017/163211)
[30] US (62/312,830) 2016-03-24
[30] US (62/337,626) 2016-05-17
[30] US (62/465,479) 2017-03-01

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[51] **Int.Cl. A61K 31/22 (2006.01) A61K 31/366 (2006.01) A61K 31/40 (2006.01) A61K 31/405 (2006.01) A61K 31/426 (2006.01) A61K 31/47 (2006.01) A61K 31/505 (2006.01) A61K 45/06 (2006.01) A61P 1/16 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT FOR CHOLESTATIC AND FIBROTIC DISEASES**
[54] **PROCEDES DE TRAITEMENT DE MALADIES CHOLESTATIQUES ET FIBROTIQUES**
[72] WALCZAK, ROBERT, FR
[72] FOUCART, CORINNE, FR
[72] DELATAILLE, PHILIPPE, FR
[71] GENFIT, FR
[85] 2018-09-27
[86] 2017-03-13 (PCT/EP2017/055880)
[87] (WO2017/178173)
[30] EP (16305427.3) 2016-04-11

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[13] A1
[51] **Int.Cl. F22B 27/16 (2006.01) F22B 1/28 (2006.01)**
[25] FR
[54] **DEVICE FOR CONVERTING A LIQUID TO A VAPOUR**
[54] **DISPOSITIF DE CONVERSION D'UN LIQUIDE EN VAPEUR**
[72] CHATROUX, ANDRE, FR
[72] PLANQUE, MICHEL, FR
[72] REYTIER, MAGALI, FR
[72] ROUX, GUILHEM, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-09-27
[86] 2017-03-27 (PCT/FR2017/050696)
[87] (WO2017/178725)
[30] FR (1653237) 2016-04-13

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[13] A1
[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/06 (2006.01) A61K 8/36 (2006.01) A61K 8/44 (2006.01) A61K 8/92 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **NOVEL NANOEMULSIONS COMPRISING FATTY ACID AND N-ACYL DERIVATIVES OF AMINO ACID SALT**
[54] **NOUVELLES NANOEMULSIONS COMPRENANT UN ACIDE GRAS ET DES DERIVES N-ACYLES DE SEL D'ACIDE AMINE**
[72] QUAN, CONGLING, US
[72] LANG, DAVID JOHN, US
[71] UNILEVER PLC, GB
[85] 2018-09-27
[86] 2017-04-04 (PCT/EP2017/057976)
[87] (WO2017/182264)
[30] EP (16166487.5) 2016-04-21

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[13] A1
[51] **Int.Cl. A61K 8/9789 (2017.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01) C12N 5/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A COMPOSITION FOR PROTECTING SKIN FROM DRYING AND/OR UV DAMAGE AND/OR INFLAMMATION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DESTINEE A PROTEGER LA PEAU CONTRE LE DESSECHEMENT ET/OU LES DOMMAGES DES UV ET/OU L'INFLAMMATION**
[72] BERRY, MARK JOHN, GB
[72] GUNGABISSOON, RAVINE ANTHONY, GB
[71] UNILEVER PLC, GB
[85] 2018-09-27
[86] 2017-03-30 (PCT/EP2017/057511)
[87] (WO2017/178238)
[30] EP (16165271.4) 2016-04-14

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 48/00 (2006.01) C07K 2/00 (2006.01) C07K 19/00 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **SYNTHETIC COMPOUND FOR IMPROVING EFFICIENCY OF TRANSFECTION**
[54] **COMPOSE SYNTHETIQUE POUR AMELIORER L'EFFICACITE DE LA TRANSFECTION**
[72] ROSENECKER, JOSEPH, DE
[72] GUAN, SHAN, DE
[71] KLINIKUM DER UNIVERSITAET MUENCHEN, DE
[85] 2018-09-27
[86] 2017-03-30 (PCT/EP2017/057530)
[87] (WO2017/167870)
[30] EP (16163326.8) 2016-03-31

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[13] A1
[51] **Int.Cl. G06Q 50/28 (2012.01)**
[25] EN
[54] **LOGISTICS INFORMATION ACQUISITION METHOD AND SYSTEM FOR TRANSNATIONAL TRANSPORT**
[54] **PROCEDE ET SYSTEME D'ACQUISITION D'INFORMATIONS LOGISTIQUES POUR LE TRANSPORT TRANSNATIONAL**
[72] FANG, ZEHUI, CN
[71] FANG, ZEHUI, CN
[85] 2018-09-27
[86] 2016-03-30 (PCT/CN2016/077877)
[87] (WO2017/166127)

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[51] **Int.Cl. G01S 7/523 (2006.01) A61B 8/00 (2006.01) B06B 1/02 (2006.01)**
[25] EN
[54] **TRANSMIT GENERATOR FOR CONTROLLING A MULTILEVEL PULSER OF AN ULTRASOUND DEVICE, AND RELATED METHODS AND APPARATUS**
[54] **GENERATEUR DE TRANSMISSION PERMETTANT DE COMMANDER UN GENERATEUR D'IMPULSIONS MULTINIVEAU D'UN DISPOSITIF A ULTRASONS, AINSI QUE PROCEDES ET APPAREIL ASSOCIES**
[72] BAO, LIEWEI, US
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[72] SANCHEZ, NEVADA J., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2018-09-24
[86] 2017-03-31 (PCT/US2017/025297)
[87] (WO2017/173224)
[30] US (15/087,962) 2016-03-31

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[13] A1
[51] **Int.Cl. B25D 11/06 (2006.01) A61B 17/92 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **ORTHOPEDIC IMPACTING DEVICE HAVING A LAUNCHED MASS DELIVERING A CONTROLLED, REPEATABLE & REVERSIBLE IMPACTING FORCE**
[54] **DISPOSITIF D'IMPACT ORTHOPEDIQUE AYANT UNE MASSE LANCEE DELIVRANT UNE FORCE D'IMPACT COMMANDEE, REPETABLE ET REPRODUCTIBLE**
[72] PEDICINI, CHRISTOPHER, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2018-09-26
[86] 2017-02-22 (PCT/US2017/018921)
[87] (WO2018/044347)
[30] US (62/381,864) 2016-08-31

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[13] A1
[51] **Int.Cl. F16K 1/18 (2006.01) F16K 1/20 (2006.01) F16K 31/53 (2006.01)**
[25] EN
[54] **VENTILATION VALVE**
[54] **VANNE DE VENTILATION**
[72] TANG, GUANGYE, US
[72] RUAN, HONGZHENG, CN
[71] E3 GREEN TECHNOLOGY CO., LTD., CN
[85] 2018-09-27
[86] 2016-05-04 (PCT/CN2016/080990)
[87] (WO2017/166369)
[30] CN (201610200092.7) 2016-03-31

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[51] **Int.Cl. H01L 21/77 (2017.01) G02F 1/1362 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING ARRAY SUBSTRATE**
[54] **PROCEDE DE FABRICATION DE SUBSTRAT DE MATRICE**
[72] YUAN, ZE, CN
[72] YU, XIAOJUN, CN
[72] GUPTA, AMIT, CN
[72] WEI, PENG, CN
[71] SHENZHEN ROYOLE TECHNOLOGIES CO., LTD., CN
[85] 2018-09-27
[86] 2016-07-25 (PCT/CN2016/091520)
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[51] **Int.Cl. A01C 15/12 (2006.01) A01B 49/06 (2006.01) A01C 5/06 (2006.01) A01C 7/06 (2006.01) A01C 15/06 (2006.01) A01C 15/16 (2006.01) A01C 21/00 (2006.01) A01G 29/00 (2006.01)**
[25] EN
[54] **APPLICATION UNITS TO ACTUATE AT LEAST ONE APPLICATOR ARM FOR PLACEMENT WITH RESPECT TO AGRICULTURAL PLANTS**
[54] **UNITES D'APPLICATION POUR ACTIONNER AU MOINS UN BRAS APPLICATEUR POUR LE PLACER PAR RAPPORT A DES PLANTES AGRICOLES**
[72] WILDERMUTH, PAUL, US
[72] STOLLER, JASON, US
[72] RADKE, IAN, US
[71] PRECISION PLANTING LLC, US
[85] 2018-09-26
[86] 2017-04-18 (PCT/US2017/028186)
[87] (WO2017/184637)
[30] US (62/324,095) 2016-04-18
[30] US (62/365,824) 2016-07-22
[30] US (62/442,895) 2017-01-05

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[51] **Int.Cl. A01C 15/12 (2006.01) A01B 15/14 (2006.01) A01B 15/18 (2006.01) A01B 49/06 (2006.01) A01C 5/06 (2006.01) A01C 15/00 (2006.01)**
[25] EN
[54] **IMPLEMENTS AND APPLICATION UNITS FOR PLACEMENT OF APPLICATIONS WITH RESPECT TO AGRICULTURAL PLANTS OF AGRICULTURAL FIELDS**
[54] **OUTILS ET UNITES D'APPLICATION POUR LA MISE EN PLACE D'APPLICATIONS CONCERNANT DES PLANTES AGRICOLES DE CHAMPS AGRICOLES**
[72] STOLLER, JASON, US
[72] RADTKE, IAN, US
[72] WILDERMUTH, PAUL, US
[72] O'NEALL, MATTHEW, US
[71] PRECISION PLANTING LLC, US
[85] 2018-09-26
[86] 2017-04-18 (PCT/US2017/028187)
[87] (WO2017/184638)
[30] US (62/324,095) 2016-04-18
[30] US (62/365,824) 2016-07-22
[30] US (62/442,895) 2017-01-05

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **INFORMATION DISPLAY METHOD, DEVICE, AND SYSTEM**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'AFFICHAGE D'INFORMATIONS**
[72] ZHAN, YONGSHENG, CN
[72] LIN, FENG, CN
[72] CAO, LEI, CN
[72] CHAO, XIAO, CN
[72] RUAN, PING, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2018-09-27
[86] 2017-03-20 (PCT/CN2017/077400)
[87] (WO2017/167060)
[30] CN (201610186690.3) 2016-03-29

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[13] A1
[51] **Int.Cl. A01C 23/00 (2006.01) A01B 15/18 (2006.01) A01B 49/06 (2006.01) A01C 5/04 (2006.01) A01C 5/06 (2006.01) A01C 15/00 (2006.01) A01G 25/09 (2006.01)**
[25] EN
[54] **IMPLEMENTS AND APPLICATION UNITS HAVING AT LEAST ONE APPLICATION MEMBER FOR PLACEMENT OF APPLICATIONS WITH RESPECT TO AGRICULTURAL PLANTS OF AGRICULTURAL FIELDS**
[54] **OUTILS ET UNITES D'APPLICATION AYANT AU MOINS UN ELEMENT D'APPLICATION POUR LA REALISATION D'APPLICATIONS PAR RAPPORT A DES PLANTES AGRICOLES DE CHAMPS AGRICOLES**
[72] LEHMAN, TRACY, US
[72] STOLLER, JASON, US
[72] RADTKE, IAN, US
[72] WILDERMUTH, PAUL, US
[71] PRECISION PLANTING LLC, US
[85] 2018-09-26
[86] 2017-04-18 (PCT/US2017/028188)
[87] (WO2017/184639)
[30] US (62/324,095) 2016-04-18
[30] US (62/365,824) 2016-07-22
[30] US (62/442,895) 2017-01-05

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[13] A1
[51] **Int.Cl. A01C 7/06 (2006.01) A01B 61/04 (2006.01) A01C 5/06 (2006.01) A01C 5/08 (2006.01) A01C 23/02 (2006.01)**
[25] EN
[54] **APPLICATION UNITS HAVING A TRENCH CLOSER FOR CLOSING A TRENCH DURING APPLICATIONS WITH RESPECT TO AGRICULTURAL PLANTS**
[54] **UNITES D'APPLICATION AYANT UN DISPOSITIF DE FERMETURE DE TRANCHEE POUR FERMER UNE TRANCHEE PENDANT DES APPLICATIONS SE RAPPORTANT A DES PLANTES AGRICOLES**
[72] WILDERMUTH, PAUL, US
[71] PRECISION PLANTING LLC, US
[85] 2018-09-26
[86] 2017-04-18 (PCT/US2017/028189)
[87] (WO2017/184640)
[30] US (62/324,095) 2016-04-18
[30] US (62/365,824) 2016-07-22
[30] US (62/442,895) 2017-01-05

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[13] A1
[51] **Int.Cl. A01C 23/02 (2006.01) A01C 5/08 (2006.01) A01C 7/06 (2006.01)**
[25] EN
[54] **IMPLEMENTS AND APPLICATION UNITS HAVING AT LEAST ONE FLEXIBLE OR PIVOTING APPLICATION MEMBER FOR PLACEMENT OF APPLICATIONS WITH RESPECT TO AGRICULTURAL PLANTS OF AGRICULTURAL FIELDS**
[54] **OUTILS ET UNITES D'APPLICATION AYANT AU MOINS UN ELEMENT D'APPLICATION SOUPLE OU PIVOTANT POUR LA MISE EN PLACE D'APPLICATIONS EN LIEN AVEC DES PLANTES AGRICOLES DE CHAMPS AGRICOLES**
[72] STOLLER, JASON, US
[72] RADTKE, IAN, US
[71] PRECISION PLANTING LLC, US
[85] 2018-09-26
[86] 2017-04-18 (PCT/US2017/028190)
[87] (WO2017/184641)
[30] US (62/324,095) 2016-04-18
[30] US (62/365,824) 2016-07-22
[30] US (62/442,895) 2017-01-05

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[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61M 5/142 (2006.01) A61M 5/158 (2006.01) A61M 25/02 (2006.01)**
[25] EN
[54] **ERGONOMIC CONNECTOR HUB FOR AN INFUSION SET**
[54] **COLLET DE RACCORD ERGONOMIQUE POUR UN ENSEMBLE DE PERFUSION**
[72] HARTMANN, DANIEL MORRIS, US
[72] PSZENNY, SEAN MATTHEW, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-09-26
[86] 2017-04-20 (PCT/US2017/028486)
[87] (WO2017/184801)
[30] US (62/326,153) 2016-04-22

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/34 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **BEATING-HEART MITRAL VALVE CHORDAE REPLACEMENT**
[54] **REMPLACEMENT DE CORDON DE VALVULE MITRALE A CŒUR BATTANT**
[72] KEIDAR, YARON, US
[72] YESTREPSKY, ADAM J., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-09-26
[86] 2017-04-21 (PCT/US2017/028984)
[87] (WO2017/185057)
[30] US (62/326,609) 2016-04-22
[30] US (15/491,809) 2017-04-19

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[13] A1
[51] **Int.Cl. B01D 17/00 (2006.01) B01D 46/00 (2006.01) B01D 46/52 (2006.01)**
[25] EN
[54] **FILTER ELEMENT FOR FILTERING A FLUID PASSING THROUGH THE FILTER ELEMENT, COALESCENCE FILTER, COMPRESSED AIR FILTER SYSTEM, USE OF A FILTER ELEMENT AND A METHOD OF PRODUCING A COALESCENCE FILTER**
[54] **ELEMENT DE FILTRE DESTINE A FILTRER UN FLUIDE PASSANT A TRAVERS L'ELEMENT DE FILTRE, FILTRE DE COALESCENCE, SYSTEME DE FILTRE A AIR COMPRIME, UTILISATION D'UN ELEMENT DE FILTRE, ET PROCEDE DE PRODUCTION DE FILTRE DE COALESCENCE**
[72] SCHUSTER, HANS-MICHAEL, DE
[72] RBAYTI, ABDELKHALIC, DE
[71] DONALDSON FILTRATION DEUTSCHLAND GMBH, DE
[85] 2018-09-27
[86] 2017-04-07 (PCT/EP2017/000442)
[87] (WO2017/174199)
[30] DE (10 2016 003 994.9) 2016-04-07

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[13] A1
[51] **Int.Cl. F04C 25/02 (2006.01) F04C 23/00 (2006.01) F04C 29/06 (2006.01) F04C 29/12 (2006.01)**
[25] EN
[54] **VACUUM PUMP HAVING A SILENCER**
[54] **POMPE A VIDE AVEC INSONORISATION**
[72] KOLVENBACH, DIETER, DE
[72] CORNELY, OTMAR, DE
[72] BIRCH, PETER, GB
[71] LEYBOLD GMBH, DE
[85] 2018-09-27
[86] 2017-03-16 (PCT/EP2017/056290)
[87] (WO2017/167584)
[30] DE (20 2016 001 950.4) 2016-03-30

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[13] A1
[51] **Int.Cl. F04B 1/32 (2006.01) F04B 49/00 (2006.01)**
[25] EN
[54] **VARIABLE DISPLACEMENT AXIAL PISTON PUMP WITH FLUID CONTROLLED SWASH PLATE**
[54] **POMPE A PISTON AXIAL A DEPLACEMENT VARIABLE AVEC PLATEAU OSCILLANT COMMANDE PAR FLUIDE**
[72] WEATHERSBEE, MICHAEL, US
[72] SINK, NATHAN, US
[71] ROBERT BOSCH GMBH, DE
[85] 2018-09-27
[86] 2017-02-02 (PCT/EP2017/052262)
[87] (WO2017/167474)
[30] US (15/082,439) 2016-03-28

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[13] A1
[51] **Int.Cl. A61N 1/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSDERMALLY APPLYING ELECTRICAL STIMULATION TO A REGION OF THE HEAD HAVING HIGH IMPEDANCE**
[54] **PROCEDE ET DISPOSITIF POUR L'APPLICATION TRANSDERMIQUE D'UNE STIMULATION ELECTRIQUE A FORTE IMPEDANCE AU NIVEAU D'UNE ZONE DE LA TETE**
[72] BELSON, RON, IL
[72] MATZA, YANIV, IL
[72] DAR, AMIT, IL
[72] COHEN, AMIR, IL
[71] NEUROLIEF LTD., IL
[85] 2018-09-24
[86] 2017-04-09 (PCT/IB2017/052045)
[87] (WO2017/178946)
[30] US (62/322,498) 2016-04-14

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[13] A1
[51] **Int.Cl. B01D 39/16 (2006.01)**
[25] EN
[54] **CONSTRUCTION THAT ABSORBS AN ORGANIC CHEMICAL**
[54] **CONSTRUCTION DESTINEE A ABSORBER UN PRODUIT CHIMIQUE ORGANIQUE**
[72] BRINKMAN, JOHN S., CA
[72] NIELSEN, STEVEN FLOYD, US
[71] IMBIBITIVE TECHNOLOGIES CORPORATION, US
[85] 2018-09-25
[86] 2016-03-30 (PCT/US2016/000028)
[87] (WO2016/160088)
[30] US (62/178,122) 2015-03-31

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[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **METHOD OF OPTIMIZING FILTER LIFE CYCLE BETWEEN REPLACEMENTS AND SYSTEM FOR MONITORING A VENTILATION SYSTEM**
[54] **PROCEDE D'OPTIMISATION DU CYCLE DE VIE D'UN FILTRE ENTRE REMPLACEMENTS, ET SYSTEME DE SURVEILLANCE D'UN SYSTEME DE VENTILATION**
[72] ODLING, PATRIK, SE
[72] ULLSTROM, JOHANNES, SE
[71] DINAIR AB, SE
[85] 2018-09-27
[86] 2017-03-24 (PCT/EP2017/057113)
[87] (WO2017/167666)
[30] SE (1650443-3) 2016-04-01

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/454 (2006.01) A61P 3/00 (2006.01) A61P 35/00 (2006.01) C07D 401/08 (2006.01) C07D 413/06 (2006.01) C07D 413/08 (2006.01)**
[25] EN
[54] **N1-(3,3,3-TRIFLUORO-2-HYDROXY-2-METHYLPROPIONYL)-PIPERIDINE DERIVATIVES AS INHIBITORS OF PYRUVATE DEHYDROGENASE KINASE**
[54] **DERIVES DE N1-(3,3,3-TRIFLUORO-2-HYDROXO-2-METHYLPROPIONYL)-PIPERIDINE EN TANT QU'INHIBITEURS DE LA PYRUVATE DESHYDROGENASE KINASE**
[72] BUCHSTALLER, HANS-PETER, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-09-27
[86] 2017-03-27 (PCT/EP2017/057168)
[87] (WO2017/167676)
[30] EP (16162544.7) 2016-03-29

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[13] A1
[51] **Int.Cl. A61B 17/22 (2006.01) A61B 90/00 (2016.01) A61M 25/00 (2006.01) A61N 7/00 (2006.01) A61N 7/02 (2006.01)**
[25] EN
[54] **A DEVICE FOR ULTRASONIC-ACCELERATED HEMATOMA LYSIS OR THROMBOLYSIS OF INTRACEREBRAL OR INTRAVENTRICULAR HERMORRHAGES OR HEMATOMAS**
[54] **DISPOSITIF POUR LA LYSE D'HEMATOME OU LA THROMBOLYSE ACCELEREE PAR ULTRASONS D'HEMORRAGIES OU HEMATOMES INTRACEREBRAUX OU INTRAVENTRICULAIRES**
[72] GIESE, ALF, DE
[72] KERIC, NAUREN, DE
[72] MASOMI-BORNWASSER, JULIA, DE
[71] UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ, DE
[85] 2018-09-27
[86] 2017-04-04 (PCT/EP2017/057946)
[87] (WO2017/174558)
[30] EP (16164196.4) 2016-04-07

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[13] A1
[51] **Int.Cl. B63B 39/00 (2006.01) B63B 1/04 (2006.01) B63B 1/38 (2006.01)**
[25] EN
[54] **MARINE VESSEL**
[54] **NAVIRE**
[72] JOHNSTON, EDWARD, GB
[71] JOHNSTON, EDWARD, GB
[85] 2018-09-27
[86] 2017-03-30 (PCT/EP2017/057618)
[87] (WO2017/167927)
[30] GB (1605496.7) 2016-03-31

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR HEATING AEROSOL GENERATING MATERIAL AND A CARTRIDGE FOR THE APPARATUS**
[54] **APPAREIL PERMETTANT DE CHAUFFER UN MATERIAU GENERATEUR D'AEROSOL ET CARTOUCHE DESTINEE A L'APPAREIL**
[72] FALLON, GARY, GB
[72] BRAY, ANDREW, GB
[72] PARK, JEONGHWAN, GB
[72] GHANOUNI, KAV, GB
[72] HEPWORTH, RICHARD, GB
[72] AOUN, WALID, GB
[72] KALJURA, KARL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-09-27
[86] 2017-03-30 (PCT/EP2017/057630)
[87] (WO2017/167932)
[30] GB (1605357.1) 2016-03-30

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4188 (2006.01) A61K 31/428 (2006.01) C07D 487/18 (2006.01)**
[25] EN
[54] **FUSED PENTACYCLIC IMIDAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY**
[54] **DERIVES D'IMIDAZOLE PENTACYCLIQUES CONDENSES UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DU TNF**
[72] DELIGNY, MICHAEL LOUIS ROBERT, BE
[72] HEER, JAG PAUL, GB
[72] KEYAERTS, JEAN, BE
[72] LEPISSIER, LUCE ELSA, CA
[72] LOWE, MARTIN ALEXANDER, GB
[71] UCB BIOPHARMA SPRL, BE
[71] SANOFI, FR
[85] 2018-09-27
[86] 2017-03-31 (PCT/EP2017/057767)
[87] (WO2017/167994)
[30] EP (16163579.2) 2016-04-01

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[13] A1
[51] **Int.Cl. C07C 233/05 (2006.01) A61K 8/00 (2006.01) B01J 13/00 (2006.01)**
[25] EN
[54] **N-ALKYLDIAMIDE COMPOUNDS AND GELS COMPRISING THE SAME**
[54] **COMPOSES DE N-ALKYLDIAMIDE ET GELS LES COMPRENANT**
[72] JACQUOT, ROLAND, FR
[72] MARION, PHILIPPE, FR
[72] HERVE, PASCAL, FR
[72] BACK, OLIVIER, FR
[72] SEHGAL, AMIT, US
[71] RHODIA OPERATIONS, FR
[85] 2018-09-27
[86] 2017-04-04 (PCT/EP2017/058040)
[87] (WO2017/174615)
[30] US (62/318,921) 2016-04-06

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[13] A1
[51] **Int.Cl. H05K 1/02 (2006.01) H05K 1/14 (2006.01) H05K 3/36 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **POWER CONTROL SYSTEM WITH IMPROVED THERMAL PERFORMANCE**
[54] **SYSTEME DE COMMANDE DE PUISSANCE A PERFORMANCE THERMIQUE AMELIOREE**
[72] ELLIOTT, DAVID ALAN, GB
[71] GE AVIATION SYSTEMS LIMITED, GB
[85] 2018-09-27
[86] 2017-04-04 (PCT/EP2017/058014)
[87] (WO2017/174594)
[30] GB (1605876.0) 2016-04-06

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[13] A1
[51] **Int.Cl. G07C 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO DETERMINE MAINTENANCE-FOCUSED AIRCRAFT DATA RECORDING FRAME CONFIGURATIONS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER DES CONFIGURATIONS DE TRAME D'ENREGISTREMENT DE DONNEES D'AERONEF AXEES SUR LA MAINTENANCE**
[72] HORABIN, ROBERT WILLIAM, GB
[72] ROBBINS, MARK JOHN, GB
[72] BERMUDEZ, THOMAS ANTOINE RAYMOND, GB
[71] TALERIS GLOBAL LLP, GB
[85] 2018-09-27
[86] 2017-04-04 (PCT/EP2017/058023)
[87] (WO2017/174600)
[30] GB (1605821.6) 2016-04-05

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[13] A1
[51] **Int.Cl. F04B 13/02 (2006.01) F04B 53/22 (2006.01)**
[25] FR
[54] **PROPORTIONAL METERING PUMP, METHOD FOR ASSEMBLING AND DISASSEMBLING SUCH A PUMP**
[54] **POMPE A DOSAGE PROPORTIONNEL, PROCEDE DE MONTAGE ET DE DEMONTAGE D'UNE TELLE POMPE**
[72] LAATIAOUI, NAJIB, FR
[72] CHARRIERE, CHRISTOPHE, FR
[71] DOSATRON INTERNATIONAL, FR
[85] 2018-09-27
[86] 2017-04-06 (PCT/EP2017/058249)
[87] (WO2017/174719)
[30] FR (16 53055) 2016-04-07

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[21] **3,019,252**
[13] A1
[51] **Int.Cl. C03C 23/00 (2006.01)**
[25] EN
[54] **ANTIREFLECTIVE, SCRATCH-RESISTANT GLASS SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **SUBSTRAT EN VERRE ANTIREFLET RESISTANT AUX ERAFLURES ET SON PROCEDE DE FABRICATION**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[72] BUSARDO, DENIS, FR
[71] AGC GLASS EUROPE, BE
[71] AGC GLASS COMPANY NORTH AMERICA, US
[71] ASAHI GLASS CO LTD, JP
[71] QUERTECH INGENIERIE, FR
[85] 2018-09-27
[86] 2017-03-13 (PCT/EP2017/055848)
[87] (WO2017/178167)
[30] EP (16164909.0) 2016-04-12

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[21] **3,019,253**
[13] A1
[51] **Int.Cl. C12N 1/19 (2006.01) C07K 14/39 (2006.01) C12N 9/88 (2006.01) C12N 15/31 (2006.01) C12N 15/60 (2006.01) C12N 15/81 (2006.01) C12P 1/02 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **OPTIMIZED HOST CELLS FOR THE PRODUCTION OF GLUTATHIONE**
[54] **CELLULES HOTES OPTIMISEES POUR LA PRODUCTION DE GLUTATHION**
[72] WILDE, CAROLINE, CA
[72] CLUIS, CORINNE, CA
[71] LALLEMAND INC., CA
[85] 2018-09-27
[86] 2017-03-31 (PCT/CA2017/050397)
[87] (WO2017/165978)
[30] US (62/315,796) 2016-03-31

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[21] **3,019,255**
[13] A1
[51] **Int.Cl. C03C 23/00 (2006.01)**
[25] EN
[54] **HEAT TREATABLE ANTIREFLECTIVE GLASS SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **SUBSTRAT EN VERRE ANTIREFLET POUVANT ETRE THERMO-TRAITE ET SON PROCEDE DE FABRICATION**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[71] AGC GLASS EUROPE, BE
[71] AGC GLASS COMPANY NORTH AMERICA, US
[71] ASAHI GLASS CO LTD, JP
[71] QUERTECH INGENIERIE, FR
[85] 2018-09-27
[86] 2017-03-13 (PCT/EP2017/055849)
[87] (WO2017/178168)
[30] EP (16164908.2) 2016-04-12

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[21] **3,019,256**
[13] A1
[51] **Int.Cl. H01J 49/04 (2006.01) G01N 21/25 (2006.01) G01N 27/26 (2006.01) G01N 27/62 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DESORBING AND DETECTING AN ANALYTE SORBED ON A SOLID PHASE MICROEXTRACTION DEVICE**
[54] **SYSTEME ET PROCEDE DE DESORPTION ET DE DETECTION D'UN ANALYTE ADSORBE SUR UN DISPOSITIF DE MICROEXTRACTION EN PHASE SOLIDE**
[72] PAWLISZYN, JANUSZ B., CA
[71] JP SCIENTIFIC LIMITED, CA
[85] 2018-09-27
[86] 2017-05-10 (PCT/CA2017/050562)
[87] (WO2017/193213)
[30] US (62/333,934) 2016-05-10

[21] **3,019,257**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/519 (2006.01) A61K 47/04 (2006.01) A61K 47/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL FORMULATION OF PALBOCICLIB AND A PREPARATION METHOD THEREOF**
[54] **PREPARATION PHARMACEUTIQUE DE PALBOCICLIB ET SON PROCEDE DE PREPARATION**
[72] WANG, ZEREN, CN
[72] XU, JUN, CN
[72] QU, LONG, CN
[71] SHENZHEN PHARMACIN CO., LTD., CN
[85] 2018-09-27
[86] 2016-06-21 (PCT/CN2016/086546)
[87] (WO2017/166451)
[30] CN (201610187046.8) 2016-03-29

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[21] **3,019,259**
[13] A1
[51] **Int.Cl. C03C 23/00 (2006.01) C03C 4/02 (2006.01)**
[25] EN
[54] **BLUE REFLECTIVE GLASS SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **SUBSTRAT EN VERRE REFLECHISSANT BLEU ET SON PROCEDE DE FABRICATION**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[72] BUSARDO, DENIS, FR
[71] AGC GLASS EUROPE, BE
[71] AGC GLASS COMPANY NORTH AMERICA, US
[71] ASAHI GLASS CO LTD, JP
[71] QUERTECH INGENIERIE, FR
[85] 2018-09-27
[86] 2017-03-13 (PCT/EP2017/055852)
[87] (WO2017/178169)
[30] EP (16164905.8) 2016-04-12

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[21] **3,019,260**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE**
[54] **ARTICLE GENERANT UN AEROSOL**
[72] FURSA, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-09-27
[86] 2017-04-10 (PCT/EP2017/058479)
[87] (WO2017/178394)
[30] EP (16164680.7) 2016-04-11

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[21] **3,019,261**
[13] A1
[51] **Int.Cl. C03C 23/00 (2006.01)**
[25] EN
[54] **ANTIREFLECTIVE GLASS SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **SUBSTRAT EN VERRE ANTIREFLET ET SON PROCEDE DE FABRICATION**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[72] BUSARDO, DENIS, FR
[71] AGC GLASS EUROPE, BE
[71] AGC GLASS COMPANY NORTH AMERICA, US
[71] ASAHI GLASS CO LTD, JP
[71] QUERTECH INGENIERIE, FR
[85] 2018-09-27
[86] 2017-03-13 (PCT/EP2017/055854)
[87] (WO2017/178171)
[30] EP (16164910.8) 2016-04-12

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[13] A1
[51] **Int.Cl. C07F 9/53 (2006.01) C08G 59/00 (2006.01) C08G 59/26 (2006.01) C08G 59/68 (2006.01) C08L 63/00 (2006.01) C09D 163/00 (2006.01) H02K 3/30 (2006.01)**
[25] EN
[54] **HEAT-CURING TWO-COMPONENT EPOXIDE RESIN**
[54] **RESINE EPOXYDIQUE A DEUX COMPOSANTS THERMODURCISSABLE**
[72] POXLEITNER, MAX, DE
[72] GRAETER, PETER, DE
[71] DR. NEIDLINGER HOLDING GMBH, DE
[85] 2018-09-27
[86] 2017-03-29 (PCT/EP2017/057452)
[87] (WO2017/167825)
[30] DE (10 2016 106 031.3) 2016-04-01

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[21] **3,019,265**
[13] A1
[51] **Int.Cl. C12P 7/56 (2006.01)**
[25] EN
[54] **MAGNESIUM LACTATE FERMENTATION PROCESS**
[54] **PROCEDE DE FERMENTATION DE LACTATE DE MAGNESIUM**
[72] KALBASENKA, ALIAKSEI, NL
[72] BOKHOVE, JEROEN, NL
[71] PURAC BIOCHEM BV, NL
[85] 2018-09-27
[86] 2017-04-10 (PCT/EP2017/058547)
[87] (WO2017/178426)
[30] EP (16164820.9) 2016-04-12

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[21] **3,019,266**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) C07K 14/74 (2006.01)**
[25] EN
[54] **NOVEL IMMUNOGENIC CD1D BINDING PEPTIDES**
[54] **NOUVEAUX PEPTIDES IMMUNOGENES SE LIANT AU CD1D**
[72] VANDER ELST, LUC, BE
[71] IMCYSE SA, BE
[85] 2018-09-27
[86] 2017-04-19 (PCT/EP2017/059302)
[87] (WO2017/182528)
[30] EP (16166054.3) 2016-04-19

[21] **3,019,267**
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01) G06F 21/60 (2013.01) G06F 7/00 (2006.01) G06F 17/30 (2006.01) H04L 9/30 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR CONTROLLING THE PERFORMANCE OF A CONTRACT USING A DISTRIBUTED HASH TABLE AND A PEER-TO-PEER DISTRIBUTED LEDGER**
[54] **PROCEDE ET SYSTEME POUR CONTROLER L'EXECUTION D'UN CONTRAT A L'AIDE D'UNE TABLE DE HACHAGE DISTRIBUEE ET D'UN GRAND LIVRE DISTRIBUE POSTE A POSTE**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-09-27
[86] 2017-04-28 (PCT/IB2017/052463)
[87] (WO2017/187395)
[30] GB (1607477.5) 2016-04-29

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[21] **3,019,269**
[13] A1
[51] **Int.Cl. C03C 23/00 (2006.01)**
[25] EN
[54] **NEUTRAL COLOR ANTIREFLECTIVE GLASS SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **SUBSTRAT EN VERRE ANTIREFLET DE COULEUR NEUTRE ET SON PROCEDE DE FABRICATION**
[72] NAVET, BENJAMINE, BE
[72] BOULANGER, PIERRE, BE
[72] BUSARDO, DENIS, FR
[71] AGC GLASS EUROPE, BE
[71] AGC GLASS COMPANY NORTH AMERICA, US
[71] ASAHI GLASS CO LTD., JP
[71] QUERTECH INGENIERIE, FR
[85] 2018-09-27
[86] 2017-03-13 (PCT/EP2017/055853)
[87] (WO2017/178170)
[30] EP (16164906.6) 2016-04-12

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[21] **3,019,270**
[13] A1
[51] **Int.Cl. G06Q 20/36 (2012.01) G06Q 20/38 (2012.01) G06F 21/62 (2013.01)**
[25] EN
[54] **IMPLEMENTING LOGIC GATE FUNCTIONALITY USING A BLOCKCHAIN**
[54] **MISE EN OEUVRE D'UNE FONCTIONNALITE DE GRILLE LOGIQUE A L'AIDE D'UNE CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-09-27
[86] 2017-04-28 (PCT/IB2017/052464)
[87] (WO2017/187396)
[30] GB (1607569.9) 2016-04-29
[30] GB (1607553.3) 2016-04-29
[30] GB (1607539.2) 2016-04-29
[30] GB (1607541.8) 2016-04-29
[30] GB (1607566.5) 2016-04-29
[30] GB (1607555.8) 2016-04-29
[30] GB (1607584.8) 2016-04-29
[30] GB (1607472.6) 2016-04-29
[30] GB (1607538.4) 2016-04-29
[30] GB (1607530.1) 2016-04-29
[30] GB (1607564.0) 2016-04-29
[30] GB (1607537.6) 2016-04-29
[30] GB (1607520.2) 2016-04-29
[30] GB (1607525.1) 2016-04-29
[30] GB (1607527.7) 2016-04-29
[30] GB (1607561.6) 2016-04-29
[30] GB (1607552.5) 2016-04-29
[30] GB (1607529.3) 2016-04-29
[30] GB (1607554.1) 2016-04-29
[30] GB (1607558.2) 2016-04-29

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[21] **3,019,271**
[13] A1
[51] **Int.Cl. H01F 27/36 (2006.01) H01F 37/00 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **HVDCT AIR-CORE INDUCTOR, AND MANUFACTURING METHOD**
[54] **BOBINE DE SELF A AIR DE TYPE A TRANSMISSION DE COURANT CONTINU HAUTE TENSION ET SON PROCEDE DE FABRICATION**
[72] GRIEBLER, PETER, AT
[72] LANG, STEFFEN, DE
[72] RAUCHENZAUNER, STEPHAN, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-09-27
[86] 2017-04-20 (PCT/EP2017/059411)
[87] (WO2017/182577)
[30] AT (A 50358/2016) 2016-04-22

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[21] **3,019,272**
[13] A1
[51] **Int.Cl. C12Q 1/56 (2006.01) B01F 13/00 (2006.01) B01F 15/00 (2006.01)**
[25] EN
[54] **DEVICE AND PROCESS FOR SAMPLE PREPARATION**
[54] **DISPOSITIF ET PROCEDE DE PREPARATION D'ECHANTILLON**
[72] GRIMBERG, ELENA, IL
[72] MEIDLER, ROBERTO, IL
[72] TIBERMAN, YONIT, IL
[72] ORR, NADAV, IL
[72] ASHKENAZY, NADAV, IL
[71] OMRIX BIOPHARMACEUTICALS LTD., IL
[85] 2018-09-27
[86] 2017-04-03 (PCT/IL2017/000002)
[87] (WO2017/175209)
[30] IL (244922) 2016-04-05
[30] US (62/318,315) 2016-04-05

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[21] **3,019,273**
[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01)**
[25] EN
[54] **FAULT DIAGNOSIS DURING TESTING OF TURBINE UNIT**
[54] **DIAGNOSTIC DE DEFAILLANCE PENDANT L'ESSAI D'UNE UNITE DE TURBINE**
[72] FERNANDO, LALITH, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-09-27
[86] 2017-04-21 (PCT/EP2017/059560)
[87] (WO2017/186597)
[30] EP (16167606.9) 2016-04-29

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[21] **3,019,274**
[13] A1
[51] **Int.Cl. B62M 11/16 (2006.01) B62M 11/18 (2006.01)**
[25] EN
[54] **HUB GEAR**
[54] **ENGRENAGE DE MOYEU**
[72] STARIK, ERAN, IL
[71] JUSTRIDE, IL
[85] 2018-09-27
[86] 2017-04-05 (PCT/IL2017/050413)
[87] (WO2017/175224)
[30] US (62/318,347) 2016-04-05

[21] **3,019,275**
[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06F 21/30 (2013.01) G06Q 40/00 (2012.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED METHODS AND SYSTEMS FOR VALIDATING TOKENS FOR BLOCKCHAIN-BASED CRYPTOCURRENCIES**
[54] **PROCEDES ET SYSTEMES MIS EN ŒUVRE PAR ORDINATEUR DE VALIDATION DE JETONS POUR CRYPTO-MONNAIES A BASE DE CHAINES DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-09-27
[86] 2017-04-10 (PCT/IB2017/052061)
[87] (WO2017/178955)
[30] GB (1606065.9) 2016-04-11

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[21] **3,019,276**
[13] A1
[51] **Int.Cl. G06Q 20/36 (2012.01) H04W 4/00 (2018.01) G06Q 10/06 (2012.01) G06F 21/30 (2013.01)**
[25] EN
[54] **OPERATING SYSTEM FOR BLOCKCHAIN IOT DEVICES**
[54] **SYSTEME D'EXPLOITATION POUR DES DISPOSITIFS IOT DE CHAINE DE BLOCS**
[72] WRIGHT, CRAIG STEVEN, GB
[72] SAVANAH, STEPHANE, GB
[71] NCHAIN HOLDINGS LIMITED, AG
[85] 2018-09-27
[86] 2017-04-28 (PCT/IB2017/052465)
[87] (WO2017/187397)
[30] GB (1607476.7) 2016-04-29

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[21] **3,019,277**
[13] A1
[51] **Int.Cl. B60J 10/18 (2016.01)**
[25] EN
[54] **SUPPORT STRIP WITH REINFORCING MEANS**
[54] **BANDE SQUELETTE POURVUE D'UN MOYEN DE RENFORCEMENT**
[72] GELLRICH, HANNO, DE
[72] NUTZ, CHRISTIAN, DE
[71] LWB STEINL GMBH & CO. KG, DE
[85] 2018-09-27
[86] 2017-04-26 (PCT/EP2017/059988)
[87] (WO2017/186817)
[30] DE (10 2016 005 074.8) 2016-04-27

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[21] **3,019,280**
[13] A1
[51] **Int.Cl. E02D 7/14 (2006.01) E02D 7/16 (2006.01) E02D 11/00 (2006.01)**
[25] EN
[54] **A METHOD FOR CONTROLLING THE DRIVING ENGINE AND HYDRAULIC PUMPS OF A HYDRAULIC MACHINE, AS WELL AS A PILE DRIVING RIG**
[54] **PROCEDE ET SYSTEME POUR COMMANDER LE MOTEUR D'ENTRAINEMENT ET LES POMPES HYDRAULIQUES D'UNE MACHINE HYDRAULIQUE, ET APPAREIL DE BATTAGE DE PIEUX**
[72] LYYTIKAINEN, VILLE, FI
[72] PAAVOLA, JAAKKO, FI
[71] JUNTTAN OY, FI
[85] 2018-09-27
[86] 2016-04-08 (PCT/FI2016/050225)
[87] (WO2017/174861)

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[21] **3,019,281**
[13] A1
[51] **Int.Cl. C07C 259/06 (2006.01) C07C 27/02 (2006.01) C07C 33/26 (2006.01) C07D 317/12 (2006.01)**
[25] EN
[54] **NOVEL METHOD FOR PRODUCING HYDROXAMIC ACID DERIVATIVE AND INTERMEDIATE THEREFOR**
[54] **NOUVEAU PROCEDE DE PRODUCTION D'UN DERIVE D'ACIDE HYDROXAMIQUE, ET INTERMEDIAIRE CORRESPONDANT**
[72] NAGATO, YUSUKE, JP
[72] BABA, YASUTAKA, JP
[71] TOYAMA CHEMICAL CO., LTD., JP
[85] 2018-09-27
[86] 2017-03-30 (PCT/JP2017/013289)
[87] (WO2017/170884)
[30] JP (2016-070503) 2016-03-31

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[21] **3,019,284**
[13] A1
[51] **Int.Cl. C12P 19/14 (2006.01) C12P 19/12 (2006.01) C13K 13/00 (2006.01) C12N 9/42 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING XYLO-OLIGOSACCHARIDE**
[54] **PROCEDE DE PRODUCTION DE XYLO-OLIGOSACCHARIDE**
[72] KASAHARA, TAKUYA, JP
[72] YAMADA, CHIAKI, JP
[72] KURIHARA, HIROYUKI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-09-27
[86] 2017-03-30 (PCT/JP2017/013380)
[87] (WO2017/170919)
[30] JP (2016-070758) 2016-03-31

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[13] A1
[51] **Int.Cl. C07F 9/50 (2006.01) C07C 319/14 (2006.01) C07C 323/25 (2006.01) C07D 263/22 (2006.01) C07F 15/00 (2006.01) C07F 15/02 (2006.01) B01J 31/22 (2006.01) C07B 53/00 (2006.01)**
[25] EN
[54] **TETRADENTATE LIGAND, AND PRODUCTION METHOD THEREFOR, SYNTHETIC INTERMEDIATE THEREOF, AND TRANSITION METAL COMPLEX THEREOF**
[54] **LIGAND TETRADENTE, SON PROCEDE DE PRODUCTION, SON INTERMEDIAIRE DE SYNTHESE ET SON COMPLEXE DE METAL DE TRANSITION**
[72] NAKAYAMA, YUJI, JP
[72] YOKOYAMA, NAOTA, JP
[71] TAKASAGO INTERNATIONAL CORPORATION, JP
[85] 2018-09-27
[86] 2017-03-30 (PCT/JP2017/013435)
[87] (WO2017/170952)
[30] JP (2016-067534) 2016-03-30

[21] **3,019,292**
[13] A1
[51] **Int.Cl. C08B 5/00 (2006.01) D21H 11/18 (2006.01) D21H 15/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FIBROUS CELLULOSE, AND FIBROUS CELLULOSE**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE FIBREUSE ET CELLULOSE FIBREUSE**
[72] NOGUCHI, YUICHI, JP
[72] HOMMA, IKUE, JP
[72] MATSUBARA, YUSUKE, JP
[71] OJI HOLDINGS CORPORATION, JP
[85] 2018-09-27
[86] 2017-03-30 (PCT/JP2017/013352)
[87] (WO2017/170908)
[30] JP (2016-071161) 2016-03-31

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[21] **3,019,294**
[13] A1
[51] **Int.Cl. B08B 11/04 (2006.01) B65G 49/06 (2006.01)**
[25] FR
[54] **DEVICE FOR SUPPORTING A GLASS SHEET, PARTICULARLY IN A WASHING FACILITY**
[54] **DISPOSITIF DE SUPPORT POUR FEUILLE DE VERRE NOTAMMENT DANS UNE INSTALLATION DE LAVAGE**
[72] SAUVINET, VINCENT, FR
[72] OLIVIER, THIERRY, FR
[72] FREBOURG, PHILIPPE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-09-27
[86] 2017-04-05 (PCT/FR2017/050808)
[87] (WO2017/174934)
[30] FR (1653034) 2016-04-06

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[21] **3,019,296**
[13] A1
[51] **Int.Cl. B08B 11/04 (2006.01) B65G 49/06 (2006.01)**
[25] FR
[54] **DEVICE FOR CONVEYING AND RETAINING A GLASS SHEET, PARTICULARLY IN A WASHING FACILITY**
[54] **DISPOSITIF DE CONVOYAGE ET DE MAINTIEN POUR FEUILLE DE VERRE NOTAMMENT DANS UNE INSTALLATION DE LAVAGE**
[72] SAUVINET, VINCENT, FR
[72] LINN, MALTE, DE
[72] BRIS, JEAN-JACQUES, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-09-27
[86] 2017-04-05 (PCT/FR2017/050809)
[87] (WO2017/174935)
[30] FR (1653035) 2016-04-06

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 9/42 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01) C13K 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PROTEIN**
[54] **PROCEDE DE PRODUCTION DE PROTEINE**
[72] KOBAYASHI, KOJI, JP
[72] HIRAMATSU, SHINGO, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-09-27
[86] 2017-03-30 (PCT/JP2017/013377)
[87] (WO2017/170917)
[30] JP (2016-070584) 2016-03-31

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[13] A1
[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/41 (2006.01) A61K 31/454 (2006.01) A61P 25/00 (2006.01) A61P 37/00 (2006.01) C07D 405/14 (2006.01) C07D 413/06 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] IKEDA, SHUHEI, JP
[72] SUGIYAMA, HIDEYUKI, JP
[72] AIDA, JUMPEI, JP
[72] TOKUHARA, HIDEKAZU, JP
[72] OKAWA, TOMOHIRO, JP
[72] OGURO, YUYA, JP
[72] NAKAMURA, MINORU, JP
[72] MURAKAMI, MASATAKA, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-09-27
[86] 2017-03-30 (PCT/JP2017/014597)
[87] (WO2017/171100)
[30] JP (2016-071181) 2016-03-31

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[13] A1
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[25] FR
[54] **DEVICE FOR CONVEYING AND RETAINING A GLASS SHEET, PARTICULARLY IN A WASHING FACILITY**
[54] **DISPOSITIF DE CONVOYAGE ET DE MAINTIEN POUR FEUILLE DE VERRE NOTAMMENT DANS UNE INSTALLATION DE LAVAGE**
[72] SAUVINET, VINCENT, FR
[72] OLIVIER, THIERRY, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-09-27
[86] 2017-04-05 (PCT/FR2017/050810)
[87] (WO2017/174936)
[30] FR (1653036) 2016-04-06

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[51] **Int.Cl. B08B 11/04 (2006.01) B65G 17/06 (2006.01) B65G 49/06 (2006.01)**
[25] FR
[54] **DEVICE FOR CONVEYING AND RETAINING GLASS SHEETS, PARTICULARLY IN A WASHING FACILITY, AND ASSOCIATED METHOD**
[54] **DISPOSITIF DE CONVOYAGE ET DE MAINTIEN DE FEUILLES DE VERRE NOTAMMENT DANS UNE INSTALLATION DE LAVAGE, ET PROCEDE DE MISE EN OEUVRE**
[72] SAUVINET, VINCENT, FR
[72] OLIVIER, THIERRY, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-09-27
[86] 2017-04-05 (PCT/FR2017/050811)
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[25] FR
[54] **GLASS SHEET BENDING**
[54] **BOMBAGE DE FEUILLES DE VERRE**
[72] PALMANTIER, ARTHUR, DE
[72] DAVID, EMILIEN, FR
[72] PENNERS, JACK, DE
[72] RADERMACHER, HERBERT, BE
[72] KAHLEN, WERNER, DE
[72] ZEICHNER, ACHIM, DE
[72] SCHILLINGS, PETER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **HEAT EXCHANGE MODULE AND SYSTEM FOR MEDICAL APPLICATIONS**
[54] **MODULE D'ECHANGE DE CHALEUR ET SYSTEME POUR DES APPLICATIONS MEDICALES**
[72] VERGARA, JULIO L., US
[72] PADULA, ANDREW, US
[72] ESTRADA, DANIEL M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **SPRUNG PILLOW**
[54] **OREILLER ELASTIQUE**
[72] MILES, ALEXANDER, GB
[71] MILES, ALEXANDER, GB
[85] 2018-09-27
[86] 2017-03-31 (PCT/GB2017/050910)
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR XI CHROMOSOME REACTIVATION**
[54] **COMPOSITIONS ET PROCEDES UTILISABLES EN VUE DE LA REACTIVATION DE CHROMOSOMES XI**
[72] GREEN, MICHAEL R., US
[72] BHATNAGAR, SANCHITA, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-09-27
[86] 2016-04-15 (PCT/US2016/027840)
[87] (WO2016/168658)
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[54] **FIXATION DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] POULSEN, SYLWIA, SG
[72] POH, TECK, SG
[71] TELEFLEX LIFE SCIENCES UNLIMITED COMPANY, BM
[85] 2018-09-27
[86] 2017-03-31 (PCT/EP2017/057774)
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[25] EN
[54] **POLYMERISATION UNIT AND POLYMERISATION PROCESS**
[54] **UNITE DE POLYMERISATION ET PROCEDE DE POLYMERISATION**
[72] DAIRE, ERICK DOMINIQUE, FR
[72] GALEWSKI, JEAN-MARC, FR
[72] SIMOENS, ANTHONY, BE
[72] SOULAGE, ARNAUD, FR
[71] INEOS EUROPE AG, CH
[85] 2018-09-27
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[25] EN
[54] **MODULATION OF AAV VECTOR TRANSGENE EXPRESSION**
[54] **MODULATION DE L'EXPRESSION D'UN TRANSGENE DU VECTEUR AAV**
[72] SENA-ESTEVES, MIGUEL, US
[72] WEISMANN, CARA, US
[72] GOLEBIOWSKI, DIANE, US
[72] STOICA, LORELEI, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2018-09-27
[86] 2016-04-20 (PCT/US2016/028367)
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[30] US (62/151,988) 2015-04-23

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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 23/00 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **FRACTURING ASSEMBLY WITH CLEAN OUT TUBULAR STRING**
[54] **ENSEMBLE DE FRACTURATION COMPRENANT TRAIN DE TIGES TUBULAIRES DE NETTOYAGE**
[72] FROSELL, THOMAS JULES, US
[72] GEOFFROY, GARY JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-27
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[25] EN
[54] **DISTRIBUTED SENSOR SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES A CAPTEURS REPARTIS**
[72] SCOGIN, MATTHEW, US
[72] FLYGARE, JAMES, US
[72] MCKAY, COLIN, US
[72] BALASUBRAMANIAN, ASWIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-09-27
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[25] EN
[54] **MULTI-PARAMETER OPTIMIZATION OF OILFIELD OPERATIONS**
[54] **OPTIMISATION A PARAMETRES MULTIPLES D'OPERATIONS DE CHAMP PETROLIFERE**
[72] STEPHENSON, STANLEY V., US
[72] GONZALEZ, RICHARD T., US
[72] FULTON, DWIGHT D., US
[72] WALTERS, HAROLD G., US
[72] ORTH, JON M., US
[72] COFFMAN, KENNETH R., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **CATALYST-CONTAINING OXYGEN TRANSPORT MEMBRANE**
[54] **MEMBRANE DE TRANSPORT D'OXYGENE CONTENANT UN CATALYSEUR**
[72] LU, ZIGUI, US
[72] LU, YUNXIANG, US
[72] CHRISTIE, GERVASE MAXWELL, US
[72] LANE, JONATHAN, US
[72] PLONCZAK, PAWEL J., US
[72] CORPUS, JOSEPH M., US
[71] PRAXAIR TECHNOLOGY, INC., US
[85] 2018-09-27
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[25] EN
[54] **DIFFERENTIAL DIAGNOSIS OF PERIAPICAL DISEASES BASED ON RESULTS OF IMAGE ANALYSIS**
[54] **DIAGNOSTIC DIFFERENTIEL DE MALADIES PERIAPICALES EN FONCTION DE RESULTATS D'ANALYSE D'IMAGE**
[72] PATEL, JAY SURESHBHAI, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2018-09-27
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[25] EN
[54] **METHODS OF PREPARING HEMICELLULOSE COMPOSITIONS**
[54] **PROCEDES DE PREPARATION DE COMPOSITIONS D'HEMICELLULOSE**
[72] YIN, XIHUI, US
[72] WILSON, DUANE C., US
[72] KOFSKY-WOFFORD, STEPHANIE A., US
[72] DA COSTA, MARCELO MOREIRA, BR
[71] KEMIRA OYJ, FI
[85] 2018-09-27
[86] 2017-03-30 (PCT/US2017/024881)
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[30] US (62/316,084) 2016-03-31

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[51] **Int.Cl. C08L 23/04 (2006.01)**
[25] EN
[54] **MODIFIED POLYETHYLENE RESINS AND METHOD FOR MAKING THE SAME**
[54] **RESINES DE POLYETHYLENE MODIFIEES ET PROCEDE POUR LES PREPARER**
[72] WILLIAMSON, ALEXANDER, US
[72] SSUBRAMANIAM, SURYA, US
[72] GOMES, JORGE C., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-27
[86] 2017-03-06 (PCT/US2017/020936)
[87] (WO2017/172273)
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[51] **Int.Cl. C12N 15/09 (2006.01) C12N 5/0735 (2010.01) C07K 14/435 (2006.01) C07K 19/00 (2006.01) C12M 3/04 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **FIBROIN-LIKE PROTEIN VARIANT AND CELL CULTURE METHOD**
[54] **VARIANT DE PROTEINE DE TYPE FIBROINE ET PROCEDE DE CULTURE CELLULAIRE**
[72] KITAZAWA, MANABU, JP
[72] SUGIMOTO, NAO, JP
[72] KODAMA, RIHO, JP
[72] NAGAHIKO, TAKESHI, JP
[72] ITO, YOSHIHIRO, JP
[72] NAKASE, KENTARO, JP
[72] TAKASHIMA, YOSHINORI, JP
[72] MINE, AYAKO, JP
[72] KUWABARA, YOKO, JP
[72] TAGAMI, UNO, JP
[72] SUGIKI, MASAYUKI, JP
[71] AJINOMOTO CO., INC., JP
[85] 2018-09-27
[86] 2017-03-31 (PCT/JP2017/013587)
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[30] JP (2016-071530) 2016-03-31
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[51] **Int.Cl. A61K 45/06 (2006.01) A61K 31/426 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **THIAZOLIDE COMPOUNDS FOR TREATING VIRAL INFECTIONS**
[54] **COMPOSES THIAZOLIDE POUR TRAITER DES INFECTIONS VIRALES**
[72] ROSSIGNOL, JEAN-FRANCOIS, US
[72] SANTORO, MARIA GABRIELLA, US
[71] ROMARK LABORATORIES L.C., US
[85] 2018-09-27
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[51] **Int.Cl. C07F 7/00 (2006.01) C07F 7/28 (2006.01) C08F 4/76 (2006.01)**
[25] EN
[54] **METAL COMPLEXES**
[54] **COMPLEXES METALLIQUES**
[72] HEYDARI, MAHSA, US
[72] KUHLMAN, ROGER L., US
[72] HARLAN, C. JEFF, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2018-09-27
[86] 2017-03-13 (PCT/US2017/022008)
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[51] **Int.Cl. H02G 1/12 (2006.01)**
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[54] **CABLE STRIPPER**
[54] **MACHINE A DENUDER**
[72] NELSON, TRAVIS, US
[71] SOUTHWIRE COMPANY, LLC, US
[85] 2018-09-27
[86] 2017-03-21 (PCT/US2017/023412)
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR GENERATING A ROUTE FOR RELOCATING OBJECTS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR GENERER UN ITINERAIRE POUR REPOSITIONNER DES OBJETS**
[72] TINGLER, JEREMY, US
[72] HARLOW, DAVID SCOT, US
[72] TAULBEE, ALVIN SCOTT, US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-27
[86] 2017-03-30 (PCT/US2017/025043)
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[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/18 (2006.01)**
[25] EN
[54] **MARINE SEISMIC ACQUISITION SYSTEM**
[54] **SYSTEME D'ACQUISITION SISMIQUE MARIN**
[72] MOLDOVEANU, NICOLAE, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-09-27
[86] 2017-03-24 (PCT/US2017/023938)
[87] (WO2017/172504)
[30] US (62/316,101) 2016-03-31

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[51] **Int.Cl. G01N 31/22 (2006.01) B01J 20/22 (2006.01) B01J 20/30 (2006.01) G01N 33/52 (2006.01) C08J 3/12 (2006.01)**
[25] EN
[54] **WATER-ABSORBING MATERIAL AND USES THEREOF**
[54] **MATERIAU ABSORBANT L'EAU ET SES UTILISATIONS**
[72] JOLLEZ, PAUL, CA
[72] BOLDUC, ISABELLE, CA
[72] CHEVIGNY, STEPHANE, CA
[72] SIGOUIN, OLIVIER, CA
[71] 7905122 CANADA INC., CA
[85] 2018-09-28
[86] 2016-09-01 (PCT/CA2016/051037)
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[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/36 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **ANTI-COMPLEMENT FACTOR BB ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-FACTEUR BB DU COMPLEMENT ET UTILISATIONS DE CEUX-CI**
[72] PANICKER, SANDIP, US
[72] PARRY, GRAHAM, US
[72] CHRISTOPHERSON, KAREN SUE, US
[72] BYUN, TONY SANGYOUNG, US
[71] BIOVERATIV USA INC., US
[85] 2018-09-27
[86] 2017-04-03 (PCT/US2017/025784)
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[30] US (62/317,897) 2016-04-04

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[51] **Int.Cl. C07D 239/72 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **QUINAZOLINE DERIVATIVE OR ITS SALT AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **DERIVE DE QUINAZOLINE OU SON SEL ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT**
[72] KIM, YOUNG-HWAN, KR
[72] HAN, TAE-DONG, KR
[72] KIM, DONG-HOON, KR
[72] JUNG, EUN-HYE, KR
[72] CHOI, SU-BIN, KR
[72] LEE, EUI-CHUL, KR
[72] CHONG, WON-EE, KR
[72] PARK, JIN-HWI, KR
[72] PARK, JUN-CHUL, KR
[72] KANG, HO-WOONG, KR
[72] GAL, JI-YEONG, KR
[72] PARK, CHAN-SUN, KR
[72] KIM, JONG-GYUN, KR
[72] NAM, SU-YOUN, KR
[71] YUHAN CORPORATION, KR
[85] 2018-09-27
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[87] (WO2017/188720)
[30] KR (10-2016-0053033) 2016-04-29

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[51] **Int.Cl. A61J 9/00 (2006.01) A47G 19/22 (2006.01)**
[25] EN
[54] **MULTI-ANGLE FEEDING CUP**
[54] **GOBELET D'ALIMENTATION A PLUSIEURS ANGLES**
[72] ROUX, GABRIEL HENDRIK, AU
[71] ROUX, GABRIEL HENDRIK, AU
[85] 2018-09-28
[86] 2017-03-31 (PCT/AU2017/050283)
[87] (WO2017/165927)
[30] AU (2016202017) 2016-03-31

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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/20 (2006.01) A61K 9/22 (2006.01) A61K 9/52 (2006.01) A61K 9/54 (2006.01) A61K 9/56 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE, ABUSE DETERRENT DOSAGE FORMS**
[54] **FORMES POSOLOGIQUES ANTI-ABUS A LIBERATION PROLONGEE**
[72] GAIK, JONATHAN, US
[72] PARK, JAEHAN, US
[72] LATHROP, RYAN, US
[72] NICHOLS, GARY, US
[72] SCHALLOM, JOHN, US
[71] SPECGX LLC, US
[85] 2018-09-27
[86] 2017-03-21 (PCT/US2017/023316)
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[30] US (62/315,952) 2016-03-31

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[51] **Int.Cl. A61B 5/00 (2006.01) G06Q 50/22 (2018.01) A61B 5/1477 (2006.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **METHODS FOR ANALYSIS OF DIGITAL DATA**
[54] **PROCEDES D'ANALYSE DE DONNEES NUMERIQUES**
[72] ROGERS, RICK A., US
[72] GRONDIN, YOHANN, US
[71] WHITE ANVIL INNOVATIONS, LLC, US
[85] 2018-09-27
[86] 2017-04-07 (PCT/US2017/026624)
[87] (WO2017/177152)
[30] US (62/319,403) 2016-04-07

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[51] **Int.Cl. A47L 13/17 (2006.01) A47K 7/03 (2006.01) A61L 2/08 (2006.01) B65B 55/08 (2006.01) B65D 75/48 (2006.01) B65D 81/00 (2006.01) C11D 7/08 (2006.01)**
[25] EN
[54] **DEACTIVATION WIPE KIT AND METHOD OF FORMING AND USING THE SAME**
[54] **KIT DE LINGETTES DE DESACTIVATION ET SON PROCEDE DE FORMATION ET D'UTILISATION**
[72] COMPO, MARK J., US
[72] BALESTRI, MICHAEL, US
[71] VELTEK ASSOCIATES, INC., US
[85] 2018-09-27
[86] 2017-03-23 (PCT/US2017/023760)
[87] (WO2017/180306)
[30] US (62/320,999) 2016-04-11
[30] US (15/271,957) 2016-09-21

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[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **SECURE PORTABLE, ON-DEMAND, MICROFLUIDIC MIXING AND DISPENSING DEVICE**
[54] **DISPOSITIF DE MELANGE ET DE DISTRIBUTION MICROFLUIDIQUE SECURISE, PORTABLE, A LA DEMANDE**
[72] WILSON, MATT, US
[72] WHALEN, JON, US
[72] WILSON, TODD, US
[72] CRAWFORD, PETE, US
[72] LIDDLE, SCOTT ERIC, US
[72] GAUSMANN, KEITH, US
[72] GIESLER, JAYSUN, US
[72] LUCK, NATHAN THOMAS, US
[72] WICKER, NICOLE KAYLOR, US
[72] COLLETTE, JON, US
[71] ALTOPA, INC., US
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[54] **CONTENANT A SAC MOULE SUR ENSEMBLE SOUPAPE**
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[72] BLACK, MARC S., US
[72] TURPIN, MATTHEW J., US
[72] BONFKAMP, JEFFREY E., US
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[54] **WOOD LAMINATE MATERIAL AND METHOD FOR MANUFACTURING SAME**
[54] **MATERIAU STRATIFIE EN BOIS ET PROCEDE PERMETTANT DE FABRIQUER CE DERNIER**
[72] OSHIMA, KATSUHITO, JP
[72] SAKAMOTO, KAZUKI, JP
[72] HIRATA, KAZUHIRO, JP
[72] NAGAOKA, KOJI, JP
[72] SUGIO, YASUSHI, JP
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[54] **ETIQUETTES D'ANIMAUX DE TECHNOLOGIE SIMPLE OU DOUBLE ET SYSTEME ET LEUR PROCEDE D'UTILISATION**
[72] DELIOU, PIERRE-EMMANUEL, US
[72] LAFON, SEBASTIEN, US
[71] MERIAL, INC., US
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[54] **METHODS AND COMPOSITIONS FOR MODULATING FRATAXIN EXPRESSION**
[54] **PROCEDES ET COMPOSITIONS DE MODULATIONS DE L'EXPRESSION DE LA FRATAXINE**
[72] ANSARI, ASEEM, US
[72] ERWIN, GRAHAM, US
[72] GRIESHOP, MATTHEW, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **POCHES DE FILMS HYDROSOLUBLES PREPARES A PARTIR DE MELANGES POLYMERES D'ALCOOL POLYVINYLIQUE**
[72] LABEQUE, REGINE, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] FRIEDRICH, STEVEN GEORGE, US
[72] NII, SHINSUKE, US
[72] LEE, DAVID M., US
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **CHARGEUR D'AIGUILLES DE STYLO**
[72] SRINIVASAN, SUDARSAN, US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[72] MONTIDORO, TYSON, US
[72] CHAGNON, JEFFREY, US
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[54] **METHODS AND SYSTEMS FOR SCHEDULING IN UU-BASED VEHICLE-TO-VEHICLE COMMUNICATION**
[54] **PROCEDES ET SYSTEMES PERMETTANT UNE PLANIFICATION DANS UNE COMMUNICATION ENTRE VEHICULES BASEE SUR UU**
[72] FREDA, MARTINO M., CA
[72] LETIER, BENOIT, CA
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
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[54] **FUNCTIONALIZED LAMINATED OPTICAL ELEMENT WITH IMPROVED EDGING RESISTANCE**
[54] **ELEMENT OPTIQUE STRATIFIE FONCTIONNALISE AVEC RESISTANCE DE BORDURE AMELIOREE**
[72] COUE, VIOLAINE, FR
[72] BERGER, CATHERINE, FR
[72] DESOUSA, MANUELA, FR
[72] SUZUKI, TATSUYA, JP
[72] KAMIYA, KATSUHIKO, JP
[72] SHIGETOMI, KIYOE, JP
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[54] **SYSTEMES DE FILTRE ET D'OCCLUSION ET PROCEDES ET DISPOSITIFS ASSOCIES**
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[72] SHAW, EDWARD E., US
[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **CONTENANT DOTE D'UNE SOUPAPE DE PULVERISATION**
[72] SCHULZ, PETER J., US
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[54] **SELENIUM DISULFIDE COMPOSITIONS FOR USE IN TREATING MEIBOMIAN GLAND DYSFUNCTION**
[54] **COMPOSITIONS DE DISULFURE DE SELENIUM DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DU DYSFONCTIONNEMENT DE LA GLANDE DE MEIBOMIUS**
[72] FRIEDMAN, DORON, IL
[72] ALSTER, YAIR, IL
[72] RAFAELI, OMER, IL
[72] AMSELEM, SHIMON, IL
[72] NUDELMAN, ZAKHAR, IL
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[54] **COORDINATION D'INTERVALLES DE TEMPS DE TRANSMISSION MULTIPLES AVEC DUPLEXAGE PAR REPARTITION DANS LE TEMPS**
[72] PATEL, SHIMMAN ARVIND, US
[72] CHEN, WANSHI, US
[72] MONTOJO, JUAN, US
[72] SUN, JING, US
[72] HOSSEINI, SEYEDKIANOUSH, US
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[54] **DISPOSITIF DE REGULATION ET PROCEDE ASSOCIE**
[72] SIEGLE, GREG J., US
[72] RABIN, DAVID MAYER LOWELL, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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[54] **DISPOSITIFS D'ARTHRODESE POUR PRODUIRE ET APPLIQUER UNE COMPRESSION DANS DES ARTICULATIONS**
[72] GARLOCK, ADAM, US
[72] KARNES, WILLIAM MICHAEL, US
[72] FONTE, MATTHEW, US
[72] PALMER, MATTHEW, US
[72] DEVANEY, ROBERT, US
[72] DELMONACO, ALEXANDER, US
[72] NEALON, KAITLYN, US
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[54] **TECHNIQUES DE TRANSMISSION D'INFORMATIONS DE COMMANDE DE LIAISON MONTANTE DANS DES COMMUNICATIONS SANS FIL A FAIBLE LATENCE**
[72] HOSSEINI, SEYEDKIANOUSH, US
[72] PATEL, SHIMMAN ARVIND, US
[72] CHEN, WANSHI, US
[72] SUN, JING, US
[72] GAAL, PETER, US
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[54] **PROCEDE DE SELECTION DE PROTEINES RECOMBINEES A TENEUR ELEVEE EN M6P**
[72] DO, HUNG V., US
[72] GOTSCHALL, RUSSELL, US
[71] AMICUS THERAPEUTICS, INC., US
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[54] **MATERIAU D'EMBALLAGE POUR MICRO-ONDES**
[72] CROOKS, COREY DESMOND, US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
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[25] EN
[54] **METHODS AND APPARATUS FOR EFFICIENTLY GENERATING MULTIPLE LIFTED LOW-DENSITY PARITY-CHECK (LDPC) CODES**
[54] **PROCEDES ET APPAREIL POUR GENERER EFFICACEMENT DE MULTIPLES CODES DE CONTROLE DE PARITE DE FAIBLE DENSITE (LDPC) CONSOLIDES**
[72] RICHARDSON, THOMAS JOSEPH, US
[72] KUDEKAR, SHRINIVAS, US
[71] QUALCOMM INCORPORATED, US
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[54] **TISSU RETINIEN 3D PROVENANT DE CELLULES SOUCHES PLURIPOTENTES ET SES UTILISATIONS**
[72] NASONKIN, IGOR OLEGOVICH, US
[72] SINGH, RATNESH, US
[72] WEST, MICHAEL D., US
[72] STERBERG, HAL, US
[72] LAROCCA, DAVID, US
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[54] **SYSTEME D'ELIMINATION DE BRUME POUR CELLULES ELECTROCHIMIQUES**
[72] KRISHNAN, RAMKUMAR, US
[72] HAYES, JOEL, US
[72] KLUG, SCOTT, US
[72] SAMULESON, PATRICK, US
[72] TRZEBNY, CRAIG, US
[71] NANTENERGY, INC., US
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[54] **REQUEST RESOLUTION SHAPER IN A NETWORKED SYSTEM ARCHITECTURE**
[54] **MISE EN FORME DE RESOLUTION DE DEMANDE DANS UNE ARCHITECTURE DE SYSTEME EN RESEAU**
[72] MITRA, ABHIJIT, US
[72] KONYALA, MOHAN, US
[72] DODDA, RAMPRADEEP, US
[71] SERVICENOW, INC., US
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[25] EN
[54] **METHOD AND SENDING SYNC BEACON MESSAGE BY NAN DEVICE, AND DEVICE**
[54] **PROCEDE ET DISPOSITIF POUR DISPOSITIF NAN POUR ENVOYER UN MESSAGE DE BALISE DE SYNCHRONISATION**
[72] PANG, GAOKUN, CN
[72] FANG, PING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **LIGHT DIFFUSING AND REFLECTIVE COATINGS**
[54] **REVETEMENTS DE DIFFUSION ET DE REFLEXION DE LUMIERE**
[72] LUO, ZHENGSONG, CN
[72] YANG, WENFU, CN
[72] ZHANG, GEHONG, CN
[72] SCHNEIDER, JOHN ROBERT, US
[72] WANG, WEI, US
[71] PPG COATINGS (TIANJIN) CO., LTD., CN
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[54] **BACTERIOPHAGE ENGINEERING METHODS**
[54] **METHODES DE MODIFICATION GENETIQUE DE BACTERIOPHAGES**
[72] HOLDER, JASON W., US
[72] MCBRINE, CONNOR, US
[72] GRUSZKA, SARAH, US
[72] ROGERS, MILES, US
[72] BILLINGS, NICOLE, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
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[54] **TAMPON ABSORBANT L'URINE**
[72] LUMAQUE-STEEMAN, LORNA MATEO, US
[72] JOHNSON, WADE C., US
[71] EZ MALE PADS, INCORPORATED, US
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[25] EN
[54] **DESULFATION METHOD FOR SCR CATALYST**
[54] **PROCEDE DE DESULFATATION POUR CATALYSEUR DE REDUCTION CATALYTIQUE SELECTIVE**
[72] YANG, XIAOFAN, US
[72] TANG, WEIYONG, US
[72] ZHANG, ZE, CN
[71] BASF CORPORATION, US
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[25] EN
[54] **ARRANGEMENT FOR THE TOUCH-SAFE CONTACTING OF A BUSBAR SYSTEM**
[54] **AGENCEMENT PERMETTANT LA CONNEXION SANS RISQUE DE CONTACT D'UN SYSTEME DE RAILS COLLECTEURS DE COURANT**
[72] SCHELL, MICHAEL, DE
[72] BASTIAN, ANDREAS, DE
[72] JUNGBAUER, ANN-SYLVIA, DE
[71] RITTAL GMBH & CO. KG, DE
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[25] EN
[54] **THERMOPLASTIC POLYURETHANE COMPOSITIONS FOR SOLID FREEFORM FABRICATION OF ORAL CARE AND MEDICAL DEVICES AND COMPONENTS**
[54] **COMPOSITIONS THERMOPLASTIQUES DE POLYURETHANE DESTINEES A LA FABRICATION D'UNE FORME LIBRE SOLIDE DE DISPOSITIFS DE SOINS BUCCODENTAIRES ET MEDICAUX ET CONSTITUANTS**
[72] GREEN, JENNIFER, US
[72] COX, JOHN M., US
[72] VONTORCIK, JOSEPH J., JR., US
[72] MORGAN, BARBARA, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[25] EN
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[54] **CAPTURE DE CIBLE DUPLEX LIEE**
[72] MARZIALI, ANDREA, CA
[72] PEL, JOEL, CA
[71] BOREAL GENOMICS, INC., CA
[85] 2018-09-27
[86] 2017-03-28 (PCT/IB2017/051779)
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[30] US (62/313,974) 2016-03-28
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[54] **APPARATUSES AND SYSTEMS FOR VERTICAL ELECTROLYSIS CELLS**
[54] **APPAREILS ET SYSTEMES POUR CELLULES D'ELECTROLYSE VERTICALES**
[72] MOSSER, BENJAMIN D., US
[72] SWORTS, LANCE M., US
[71] ALCOA USA CORP., US
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[54] **CUSTOMER GROUPS AND SALES PROMOTIONS**
[54] **GROUPES DE CLIENTS ET PROMOTIONS DE VENTES**
[72] ZIGORIS, PHIL, US
[72] SUKUMARAN, ABHAY, US
[72] CONOVER, STEVE, US
[72] ABRAMS, ZACHARY CHASE, US
[72] WIKMAN, COLLIN S., US
[72] MEHTA, SAUMIL, US
[71] SQUARE, INC., US
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[25] FR
[54] **METERING MECHANISM FOR A PUMP, METHODS FOR LOCKING AND UNLOCKING SUCH A MECHANISM**
[54] **MECANISME DE DOSAGE D'UNE POMPE, PROCEDES DE VERROUILLAGE ET DE DEVERROUILLAGE D'UN TEL MECANISME**
[72] LAATIAOUI, NAJIB, FR
[72] MAHIEUX, RICHARD, FR
[71] DOSATRON INTERNATIONAL, FR
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[54] **REDUCING LATENCY IN PHYSICAL CHANNELS IN AN LTE NETWORK**
[54] **REDUCTION DE LA LATENCE DANS DES CANAUX PHYSIQUES DANS UN RESEAU LTE**
[72] LEE, MOON-IL, US
[72] STERN-BERKOWITZ, JANET A., US
[72] BALA, ERDEM, US
[72] HAGHIGHAT, AFSHIN, CA
[72] BELURI, MIHAELA C., US
[71] INTERDIGITAL PATENT HOLDINGS, INC., US
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[25] EN
[54] **METHODS AND DEVICES FOR DETERMINING PRECODER PARAMETERS IN A WIRELESS COMMUNICATION NETWORK**
[54] **PROCEDES ET DISPOSITIFS POUR DETERMINER DES PARAMETRES DE PRECODEUR DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] FAXER, SEBASTIAN, SE
[72] BERGMAN, SVANTE, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **STEROID HORMONE PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE D'HORMONE STEROIDE**
[72] INSKEEP, PHILIP B., US
[72] PERSICANER, PETER H.R., US
[72] SHADIACK, ANNETTE, US
[72] THORSTEINSSON, THORSTEINN, US
[72] SANCILIO, FREDERICK D., US
[72] LEGASSIE, JASON D., US
[71] THERAPEUTICSMD, INC., US
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[25] EN
[54] **HANDLING DIFFERENT SUBFRAME SETS FOR UPLINK 256QAM**
[54] **GESTION DE DIFFERENTS ENSEMBLES DE SOUS-TRAMES POUR UNE MODULATION 256QAM EN LIAISON MONTANTE**
[72] LARSSON, DANIEL, SE
[72] CHENG, JUNG-FU, US
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[25] EN
[54] **CONTAINMENT SLEEVES FOR PACKAGES CONTAINING MEDICAL DEVICES**
[54] **MANCHONS DE CONFINEMENT DESTINES A DES EMBALLAGES CONTENANT DES DISPOSITIFS MEDICAUX**
[72] DACEY, DENISE MARIE, US
[71] ETHICON, INC., US
[85] 2018-09-27
[86] 2017-03-31 (PCT/US2017/025288)
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[30] US (62/319,485) 2016-04-07
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[54] **METHODS AND SYSTEMS FOR REMOTE SHOPPING**
[54] **PROCEDES ET SYSTEMES D'ACHAT A DISTANCE**
[72] PAGE, LOUIS B., US
[72] BLASS, RUTH A., US
[72] MONTONDO, MERIAH D., US
[72] EMBREE, KELLIE D., US
[72] HIGH, DONALD R., US
[72] JONES, MATTHEW A., US
[72] HALBROOK, COURTLAND J., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-27
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[25] EN
[54] **APPARATUS AND METHOD FOR DISPENSING SOLID SUBSTANCES**
[54] **APPAREIL ET PROCEDE POUR DISTRIBUER DES SUBSTANCES SOLIDES**
[72] DE BOER, TON, NL
[72] SCHOLTEN, GERRIT JAN, NL
[72] JOCHEMSEN, KEES, NL
[72] MEIJERS, PIETER CORNELIS, NL
[71] VMI HOLLAND B.V., NL
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[25] EN
[54] **MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR**
[54] **MODULATEURS DU REGULATEUR DE LA CONDUCTANCE TRANSMEMBRANAIRE DE LA FIBROSE KYSTIQUE**
[72] BEAR, BRIAN, US
[72] CLEMENS, JEREMY, US
[72] CLEVELAND, THOMAS, US
[72] COON, TIMOTHY RICHARD, US
[72] GROOTENHUIS, PETER DIEDERIK JAN, US
[72] FRIEMAN, BRYAN A., US
[72] HADIDA RUAH, SARA S., US
[72] KHATUYA, HARIPADA, US
[72] KRENITSKY, PAUL J., US
[72] MILLER, MARK THOMAS, US
[72] SILINA, ALINA, US
[72] UY, JOHNNY, US
[72] ZHOU, JINGLAN, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **DETECTION OF CANCER IN URINE**
[54] **DETECTION DU CANCER DANS LES URINES**
[72] RURUP, WILLEM FREDERIK, NL
[72] SEGERINK, LOES IRENE, NL
[72] KRAAIJENHAGEN, RODERIK ADRIAAN, NL
[72] PINEDO, HERBERT MICHAEL, NL
[72] VAN DEN BERG, ALBERT, NL
[72] STEENBERGEN, RENSKE DANIELA MARIA, NL
[72] NIEUWENHUIJZEN, JACOBUS ADRIANUS, NL
[72] BAHCE, IDRIS, NL
[72] KAZEMIER, GEERT, NL
[71] NANOMED DIAGNOSTICS B.V., NL
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[25] EN
[54] **WATER-SOLUBLE L-DOPA ESTERS**
[54] **ESTERS DE L-DOPA SOLUBLES DANS L'EAU**
[72] TACK, JOHANNES, DE
[72] WYRWA, RALF, DE
[72] LAUBE, THORSTEN, DE
[72] SCHNALBELRAUCH, MATTHIAS, DE
[72] WEISSER, JURGEN, DE
[72] VOLKEL, CHRISTOPH, DE
[71] BERLIREM GMBH, DE
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[51] **Int.Cl. A61F 2/28 (2006.01) C12N 5/071 (2010.01) A61K 35/12 (2015.01)**
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[54] **CUSTOMIZED HYBRID BONE-IMPLANT GRAFTS**
[54] **GREFFONS D'IMPLANTS OSSEUX HYBRIDES SUR MESURE**
[72] DE PEPPO, GIUSEPPE MARIA, US
[72] SLADKOVA, MARTINA, US
[71] NEW YORK STEM CELL FOUNDATION, INC., US
[85] 2018-09-27
[86] 2017-03-31 (PCT/US2017/025390)
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[54] **GRANULES**
[54] **GRANULES**
[72] WEENINK, GIJS ROBERTUS JOHANNES, NL
[72] VERMEER, WILLEM HENDRIK, NL
[72] KUPECZ, ANDRAS FERENC, NL
[71] TUTTIFOODI B.V., NL
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[86] 2017-03-31 (PCT/NL2017/050204)
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[30] NL (2016523) 2016-03-31
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[51] **Int.Cl. B01J 19/24 (2006.01) B01J 19/02 (2006.01) B01L 3/04 (2006.01)**
[25] EN
[54] **MICROFLUIDIC SIPHONING ARRAY FOR NUCLEIC ACID QUANTIFICATION**
[54] **RESEAU MICROFLUIDIQUE DE SIPHONAGE POUR LA QUANTIFICATION D'ACIDES NUCLEIQUES**
[72] HUNG, JU-SUNG, US
[72] ZAYAC, ANDREW, US
[72] DUECK, MEGAN, US
[71] COMBINATI INCORPORATED, US
[85] 2018-09-27
[86] 2017-04-04 (PCT/US2017/025873)
[87] (WO2017/176699)
[30] US (62/317,993) 2016-04-04
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[25] EN
[54] **METHOD FOR FORMING A JOINT IN A BINARY SYSTEM AND JOINT THEREOF**
[54] **PROCEDE DE FORMATION D'UNE ARTICULATION DANS UN SYSTEME BINAIRE ET ARTICULATION ASSOCIEE**
[72] LARSSON, ANDREAS, NO
[72] TOLLEFSEN, TORLEIF A., NO
[71] TECHNI HOLDING AS, NO
[85] 2018-09-27
[86] 2017-03-31 (PCT/NO2017/000008)
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[54] **EYE DOCKING FOR LASER EYE SURGERY**
[54] **SUPPORT D'□IL POUR CHIRURGIE OCULAIRE A LASER**
[72] WANG, BING, US
[71] AMO DEVELOPMENT, LLC, US
[85] 2018-09-27
[86] 2017-04-05 (PCT/US2017/026229)
[87] (WO2017/176937)
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[51] **Int.Cl. A47L 9/20 (2006.01) A47L 9/14 (2006.01) B01D 46/04 (2006.01) B04C 5/22 (2006.01) B24B 55/06 (2006.01) F16K 17/04 (2006.01) F16K 31/08 (2006.01)**
[25] EN
[54] **A RELIEF VALVE AND A HOSE DEVICE FOR DUST COLLECTORS, A DUST COLLECTOR AND A METHOD FOR OPERATING A DUST COLLECTOR**
[54] **SOUPAPE DE DECHARGE ET DISPOSITIF DE TUYAU SOUPLE POUR COLLECTEURS DE POUSSIERE, COLLECTEUR DE POUSSIERE, ET PROCEDE DE FONCTIONNEMENT DE COLLECTEUR DE POUSSIERE**
[72] MESINOVIC, BESIM, SE
[71] HUSQVARNA AB, SE
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[54] **COMPOSITES DE LIGNINE**
[72] CERNOHOUS, JEFFREY JACOB, US
[72] ALBERS, ROD, CA
[72] PEACE, EDWIN, CA
[71] WEST FRASER MILLS LTD., CA
[85] 2018-09-28
[86] 2017-03-30 (PCT/CA2017/000074)
[87] (WO2017/165959)
[30] US (62/315,737) 2016-03-31
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[54] **SELF-HEATING ASSEMBLY WITH DISTRIBUTED REACTANT**
[54] **ENSEMBLE AUTO-CHAUFFANT AVEC REACTIF REPARTI**
[72] SABIN, CULLEN M., US
[72] MASKELL, ALAN J., US
[72] BOLMER, MICHAEL S., US
[71] TEMPRA TECHNOLOGY, INC., US
[85] 2018-09-27
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[30] US (62/139,116) 2015-03-27

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[51] **Int.Cl. A61K 31/4178 (2006.01) A61K 31/4155 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **REDUCING TUMOR BURDEN BY ADMINISTERING CCR1 ANTAGONISTS IN COMBINATION WITH PD-1 INHIBITORS OR PD-L1 INHIBITORS**
[54] **REDUCTION DE LA CHARGE TUMORALE PAR L'ADMINISTRATION D'ANTAGONISTES DE CCR1 EN ASSOCIATION AVEC DES INHIBITEURS DE PD-1 OU DES INHIBITEURS DE PD-L1**
[72] CHARO, ISRAEL, US
[72] JUNG, HEIYOUN, US
[72] SCHALL, THOMAS J., US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2018-09-27
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[87] (WO2017/176965)
[30] US (62/319,689) 2016-04-07

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[51] **Int.Cl. C10B 53/07 (2006.01) C08J 11/12 (2006.01) C10B 47/18 (2006.01) C10B 47/32 (2006.01) C10G 1/00 (2006.01) C10G 1/10 (2006.01) G05D 23/00 (2006.01)**
[25] EN
[54] **PROCESS, APPARATUS, CONTROLLER AND SYSTEM FOR PRODUCING PETROLEUM PRODUCTS**
[54] **PROCEDE, APPAREIL, CONTROLEUR ET SYSTEME DE PRODUCTION DE PRODUITS PETROLIERS**
[72] SCHABEL, JAY, US
[72] SCHWARZ, RICHARD A., US
[72] GRISPIN, CHARLES W., US
[72] GENCER, MEHMET A., US
[72] HENSEL, JOSEPH D., US
[71] RES POLYFLOW LLC, US
[85] 2018-09-27
[86] 2017-03-30 (PCT/US2017/024872)
[87] (WO2017/173006)
[30] US (62/315,639) 2016-03-30
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[54] **SELF-COOLING ELECTRIC SUBMERSIBLE PUMP**
[54] **POMPE SUBMERSIBLE ELECTRIQUE A REFROIDISSEMENT AUTOMATIQUE**
[72] ZIA, JALAL HUNAIN, US
[72] UTTURKAR, YOGEN VISHWAS, US
[72] HAWES, NATHANIEL BENEDICT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-09-27
[86] 2017-04-06 (PCT/US2017/026291)
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[30] US (15/092,767) 2016-04-07

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] ARBEIT, ROBERT D., US
[71] X4 PHARMACEUTICALS, INC., US
[85] 2018-09-27
[86] 2017-04-10 (PCT/US2017/026819)
[87] (WO2017/177230)
[30] US (62/319,857) 2016-04-08

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[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/633 (2014.01) B60L 11/18 (2006.01) H02J 7/00 (2006.01) H02J 7/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CHARGING A BATTERY**
[54] **PROCEDE ET DISPOSITIF POUR CHARGER UNE BATTERIE**
[72] ROMPE, ANDRE, DE
[71] SIEMENS MOBILITY GMBH, DE
[85] 2018-09-28
[86] 2017-03-02 (PCT/EP2017/054905)
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[30] DE (10 2016 205 374.4) 2016-03-31

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[25] EN
[54] **OXIDATIVE COUPLING OF METHANE FOR OLEFIN PRODUCTION**
[54] **COUPLAGE OXYDANT DE METHANE POUR LA PRODUCTION D'OLEFINES**
[72] RADAELLI, GUIDO, US
[72] DUGGAL, SUCHIA, US
[72] CIZERON, JOEL, US
[72] SCHAMMEL, WAYNE, US
[72] MARTENS, FRANCISCUS J.A., CA
[71] SILURIA TECHNOLOGIES, INC., US
[85] 2018-09-27
[86] 2017-04-13 (PCT/US2017/027483)
[87] (WO2017/180910)
[30] US (62/322,190) 2016-04-13
[30] US (62/341,307) 2016-05-25
[30] US (62/341,308) 2016-05-25
[30] US (62/379,675) 2016-08-25
[30] US (62/397,798) 2016-09-21
[30] US (62/417,102) 2016-11-03

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REGULATING A BATTERY CHARGING PROCESS**
[54] **DISPOSITIF ET PROCEDE DE REGULATION D'UN PROCESSUS DE CHARGE D'UNE BATTERIE**
[72] ROMPE, ANDRE, DE
[71] SIEMENS MOBILITY GMBH, DE
[85] 2018-09-28
[86] 2017-03-02 (PCT/EP2017/054906)
[87] (WO2017/167540)
[30] DE (10 2016 205 360.4) 2016-03-31

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[51] **Int.Cl. C07K 16/00 (2006.01) C12N 9/02 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **ANTIBODY CONJUGATES AND METHODS OF MAKING AND USING THE SAME**
[54] **CONJUGUES D'ANTICORPS ET METHODES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] KIM, YUN CHEOL, US
[72] HUANG, CHAO BAI, US
[72] RABUKA, DAVID, US
[71] R.P. SCHERER TECHNOLOGIES, LLC, US
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[54] **METHODS OF TREATMENT FOR CHOLESTATIC AND FIBROTIC DISEASES**
[54] **PROCEDES DE TRAITEMENT DE MALADIES CHOLESTATIQUES ET FIBROTIQUES**
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[72] WALCZAK, ROBERT, FR
[72] BELANGER, CAROLE, FR
[72] NEGRO, EMILIE, FR
[72] DAUBERSIES, PIERRE, FR
[72] DELATAILLE, PHILIPPE, FR
[71] GENFIT, FR
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[54] **MILIEU DE CULTURE CELLULAIRE**
[72] LEBER, CHRISTOPHER T., US
[72] SHEN, MICHAEL W.Y., US
[72] TAO, YIWEN, US
[72] MURRARY, HUGH EUGENE, IV, US
[71] TANVEX BIOPHARMA USA, INC., US
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[54] **METHOD AND APPARATUS FOR CODING A VIDEO INTO A BITSTREAM CARRYING REGION-BASED POST PROCESSING PARAMETERS INTO AN SEI NESTING MESSAGE**
[54] **PROCEDE ET APPAREIL POUR CODER UNE VIDEO EN UN TRAIN DE BITS TRANSPORTANT DES PARAMETRES DE POST-TRAITEMENT BASE SUR UNE REGION DANS UN MESSAGE D'IMBRICATION DE SEI**
[72] ANDRIVON, PIERRE, FR
[72] BORDES, PHILIPPE, FR
[72] FRANCOIS, EDOUARD, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
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[54] **BUFFER STATUS REPORTING IN A WIRELESS LOCAL AREA NETWORK (WLAN)**
[54] **RAPPORT D'ETAT DE TAMPON DANS UN RESEAU LOCAL SANS FIL (WLAN)**
[72] SHIRALI, KEDAR DURGADAS, US
[72] BANERJEA, RAJA, US
[72] ASTERJADHI, ALFRED, US
[72] KAKANI, NAVEEN KUMAR, US
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[54] **VEHICLE WITH A TILTABLE MATERIAL COLLECTING CONTAINER AS WELL AS AN EMPTYING MODULE**
[54] **VEHICULE DOTE D'UNE BENNE A MATERIAUX BASCULANTE AINSI QUE MODULE DE DECHARGEMENT**
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[72] RENGER, KARL-HEINZ, DE
[72] GRABER, JENS, DE
[71] RSP GMBH, DE
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[25] EN
[54] **TURBINE BLADE COMPRISING A COOLING STRUCTURE AND ASSOCIATED PRODUCTION METHOD**
[54] **AUBE DE TURBINE A STRUCTURE DE REFROIDISSEMENT ET PROCEDE DE FABRICATION ASSOCIE**
[72] ANTON, REINER, DE
[72] BOSTANJOGLO, GEORG, DE
[72] FLORES RENTERIA, ARTURO, DE
[72] GRODZKI, JACEK, DE
[72] HERFURTH, ROBERT, DE
[72] SCHUMANN, ECKART, DE
[72] SETTEGAST, SILKE, DE
[72] SOL, RUSTU, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **CAPSULE CONTENANT DE LA POUDRE POUR BOISSON, SERVANT EN PARTICULIER A LA PREPARATION DE CAFE INFUSE**
[72] NICKEL, AXEL, DE
[71] NICKEL, AXEL, DE
[85] 2018-09-28
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[54] **METHOD, COMPUTER-READABLE DATA CARRIER, COMPUTER PROGRAM, AND SIMULATOR FOR DETERMINING STRESSES AND SHAPE DEVIATIONS IN AN ADDITIVELY PRODUCED CONSTRUCTION**
[54] **METHODE, SUPPORT LISIBLE PAR ORDINATEUR, PROGRAMME INFORMATIQUE ET SIMULATEUR PERMETTANT DE DETERMINER DES ECARTS DE TENSION ET DE FORME DANS UNE STRUCTURE DE BATIMENT FABRIQUEE DE MANIERE ADDITIVE**
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[72] KASTSIAN, DARYA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **AIR-CONDITIONING VIA MULTI-PHASE PLATE HEAT EXCHANGER**
[54] **CLIMATISATION PAR ECHANGEURS DE CHALEUR A PLAQUES A PHASE MULTIPLES**
[72] KUNZE, GERHARD, AT
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[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] WALTER, KRISTIAN, SE
[72] BERTILSSON, KLAS, SE
[72] STROMER, FREDRIK, SE
[71] ALFA LAVAL CORPORATE AB, SE
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[25] EN
[54] **COMPOSITIONS COMPRISING SECRETED EXTRACELLULAR VESICLES OF CELLS EXPRESSING NFATC4 USEFUL FOR THE TREATMENT OF CANCER**
[54] **COMPOSITIONS COMPRENANT DES VESICULES EXTRACELLULAIRES SECRETEES DE CELLULES EXPRIMANT NFATC4 UTILES POUR LE TRAITEMENT DU CANCER**
[72] JAULIAC, SEBASTIEN, FR
[72] CAMARGO, LIVIA, FR
[71] UNIVERSITE PARIS DIDEROT PARIS 7, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[54] **A METHOD TO PRODUCE AN INSULATING PIPE SECTION FOR PIPEWORKS AND A PIPE SECTION**
[54] **PROCEDE DE FABRICATION D'UNE SECTION DE TUYAU ISOLANTE POUR TUYAUTERIE ET SECTION DE TUYAU**
[72] REICHINGER, STEPHAN-FERDINAND, DE
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2018-09-28
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[25] EN
[54] **A DISPOSABLE CONTAINER FOR SURGICAL INSTRUMENTS**
[54] **RECIPIENT JETABLE POUR INSTRUMENTS CHIRURGICAUX**
[72] KHAN, FUAD, GB
[71] HPC HEALTHLINE UK LIMITED, GB
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[25] EN
[54] **SHAPESHIFTING MULTI-MODE PERSONAL WATERCRAFT**
[54] **EMBARCATION NAUTIQUE INDIVIDUELLE MULTI-MODE A CHANGEMENT DE FORME**
[72] WHITAKER, DEREK, GB
[71] WHITAKER, DEREK, GB
[85] 2018-09-28
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[25] EN
[54] **SEPARATION DEVICE FOR SEPARATING A FLUID**
[54] **DISPOSITIF DE SEPARATION POUR SEPARER UN FLUIDE**
[72] MOSELEY, JONATHAN CHARLES, GB
[71] THE BIG SWING COMPANY LTD, GB
[85] 2018-09-28
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[25] EN
[54] **COMPOSITE MATERIALS IN WOUND TREATMENT**
[54] **MATERIAUX COMPOSITES DANS LE TRAITEMENT DE PLAIES**
[72] GARDINER, ERIC S., US
[72] PALEDZKI, MAGNUS, US
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2018-09-28
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[25] EN
[54] **OPTICALLY VARIABLE DEVICE AND METHOD OF FORMING THEREOF**
[54] **DISPOSITIF A VARIATION OPTIQUE ET SON PROCEDE DE FORMATION**
[72] WHITEMAN, ROBERT, GB
[71] DE LA RUE INTERNATIONAL LIMITED, GB
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[54] **BODY INK COMPOSITIONS AND APPLICATORS**
[54] **COMPOSITIONS D'ENCRE CORPORELLE ET APPLICATEURS**
[72] HANDLEY, TYLER J., CA
[72] HANDLEY, BRADEN, CA
[72] CAPUTO, CHRISTOPHER, CA
[72] ZREHEN, ADAM M., CA
[71] INKBOX INK INC., CA
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[51] **Int.Cl. H04N 19/44 (2014.01) H04N 19/176 (2014.01) H04N 19/18 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD WITH BIT DEPTH ADJUSTMENT FOR FIXED-POINT CONVERSION AND APPARATUS THEREFOR, AND VIDEO DECODING METHOD AND APARATUS THEREFOR**
[54] **METHODE DE CODAGE VIDEO A AJUSTEMENT DE PROFONDEUR DE BIT DESTINEE A LA CONVERSION DE POINT FIXE ET APPAREIL ASSOCIE, ET METHODE ET APPAREIL DE DECODAGE VIDEO ASSOCIES**
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[72] ALSHIN, ALEXANDER, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **FONDATION D'EOLIENNE**
[72] COORDES, THOMAS, DE
[72] POLLMANN, FRANK, DE
[72] GROSS, ALEXANDER, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **PROCEDE ET SYSTEME D'EXTRACTION DE CANNABINOIDES**
[72] KO, RYAN DELMORAL, CA
[72] HUGHES, BROCK, CA
[71] NEXTLEAF SOLUTIONS LTD., CA
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[54] **ENERGY TRANSFER MACHINE AND METHOD**
[54] **APPAREIL ET PROCEDE DE TRANSFERT D'ENERGIE**
[72] KLASSEN, JAMES B., CA
[72] BOEHM, DAVID W., CA
[71] KLASSEN, JAMES B., CA
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[51] **Int.Cl. A61K 47/66 (2017.01) A61P 3/10 (2006.01)**
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[54] **USE OF PTEN-LONG LEADER SEQUENCE FOR TRANSMEMBRANE DELIVERY OF MOLECULES**
[54] **UTILISATION DE LA SEQUENCE DE TETE DE LA LONGUEUR DU PTEN DANS L'ADMINISTRATION TRANSMEMBRANAIRE DE MOLECULES**
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[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[51] **Int.Cl. A61K 31/198 (2006.01)**
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[54] **PROCESS FOR THE PREPARATION OF A SULFATED DERIVATIVE OF 3,5-DIIODO-O-[3-IODOPHENYL]-L-TYROSINE**
[54] **PROCEDE DE PREPARATION D'UN DERIVE SULFATE DE 3,5-DIIODO-O-[3-IODOPHENYL]-L-TYROSINE**
[72] ANELLI, PIER LUCIO, IT
[72] ARGESE, MARIA, IT
[72] BOI, VALERIA, IT
[72] CAVALIERE, LIVIO, IT
[72] GALIMBERTI, LAURA, IT
[72] GAZZETTO, SONIA, IT
[72] LATTUADA, LUCIANO, IT
[72] MAISANO, FEDERICO, IT
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[71] BRACCO IMAGING SPA, IT
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[25] EN
[54] **PYRAZOLE AMINOPYRIMIDINE DERIVATIVES AS LRRK2 MODULATORS**
[54] **DERIVES DE PYRAZOLE AMINOPYRIMIDINE EN TANT QUE MODULATEURS DU LRRK2**
[72] BAKER-GLENN, CHARLES, GB
[72] BURDICK, DANIEL JON, US
[72] CHAMBERS, MARK, GB
[72] CHEN, HUIFEN, US
[72] ESTRADA, ANTHONY, US
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[72] CHAN, BRYAN K., US
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[51] **Int.Cl. A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **FUSED AMINO PYRIDINES FOR THE TREATMENT OF BRAIN TUMORS**
[54] **AMINOPYRIDINES FUSIONNEES POUR LE TRAITEMENT DE TUMEURS CEREBRALES**
[72] CAI, XIONG, US
[72] QIAN, CHANGGENG, US
[71] CURIS, INC., US
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[25] EN
[54] **TREATMENT OF COGNITIVE DISORDERS WITH (R)-7-CHLORO-N-(QUINUCLIDIN-3-YL)BENZO[B]THIOPHENE-2-CARBOXAMIDE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**
[54] **TRAITEMENT DE TROUBLES COGNITIFS PAR LA (R)-7-CHLORO-N-(QUINUCLIDIN-3-YL)BENZO[B]THIOPHENE-2-CARBOXAMIDE ET LES SELS DE QUALITE PHARMACEUTIQUE DE CELLE-CI**
[72] KOENIG, GERHARD, US
[72] CHESWORTH, RICHARD, US
[72] SHAPIRO, GIDEON, US
[71] ENVIVO PHARMACEUTICALS, INC., US
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[25] EN
[54] **A SYSTEM FOR VARIABLE-RATIO BLENDING OF MULTIPLE AGRICULTURAL PRODUCTS FOR DELIVERY VIA A PORTED OPENER**
[54] **SYSTEME POUR LE MELANGE A PROPORTION VARIABLE DE PLUSIEURS PRODUITS AGRICOLES POUR DISTRIBUTION PAR L'INTERMEDIAIRE D'UN ORGANE D'OUVERTURE A ORIFICES**
[72] RESENGREN, COLIN MARK, CA
[72] RUFF, ROBERT SYDNEY, CA
[72] SCHEMBRI, CHARLES JOSEPH, CA
[72] WILSON, GORDON BLAIR, CA
[71] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA
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[25] EN
[54] **MODIFIED NUCLEOSIDE, NUCLEOTIDE, AND NUCLEIC ACID COMPOSITIONS**
[54] **NUCLEOSIDE, NUCLEOTIDE, ET COMPOSITIONS D'ACIDE NUCLEIQUE MODIFIES**
[72] DE FOUGEROLLES, ANTONIN, BE
[72] WOOD, KRISTY M., US
[72] ELBASHIR, SAYDA M., US
[72] AFEYAN, NOUBAR B., US
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[72] SCHUM, JASON P., US
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[25] EN
[54] **A SAFETY MECHANISM FOR A WELL, A WELL COMPRISING THE SAFETY MECHANISM AND RELATED METHODS**
[54] **MECANISME DE SECURITE DESTINE A UN PUITS, PUITS COMPRENANT LE MECANISME DE SECURITE ET PROCEDES CONNEXES**
[72] ROSS, SHAUN COMPTON, GB
[72] JARVIS, LESLIE DAVID, GB
[71] METROL TECHNOLOGY LIMITED, GB
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[54] **A WELL COMPRISING A SAFETY MECHANISM AND SENSORS**
[54] **MECANISME DE SECURITE DESTINE A UN PUITS, PUITS COMPRENANT LE MECANISME DE SECURITE, ET PROCEDES CONNEXES**
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[54] **MEDICAL NEEDLE REMOVAL AND STORAGE DEVICE**
[54] **DISPOSITIF MEDICAL DE RETRAIT ET DE STOCKAGE D'AIGUILLE**
[72] LIMAYE, AMIT UDAY, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **MECANISME DE SECURITE DESTINE A UN PUITS, PUITS COMPRENANT LE MECANISME DE SECURITE ET PROCEDES CONNEXES**
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[54] **PROTHESES TUBULAIRES**
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[72] HUANG, ANGELA, US
[72] DAHL, SHANNON, US
[72] ZHAO, LIPING, US
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[54] **ANTIBODIES AGAINST PHOSPHORYLATED TYROSINES ON ERYTHROPOIETIN RECEPTOR (EPOR)**
[54] **ANTICORPS CONTRE LES TYROSINES PHOSPHORYLATES SUR LE RECEPTEUR D'ERYTHROPOIETINE (EPO-R)**
[72] JARSCH, MICHAEL, DE
[72] KUBBIES, MANFRED, DE
[72] MUNDIGL, OLAF, DE
[72] TORRES-NAGEL, NORA, DE
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[54] **TISSUE EXPANDERS AND METHODS OF USE**
[54] **EXTENSEURS DE TISSU ET PROCEDES D'UTILISATION**
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[72] JACOBS, DANIEL, US
[72] JONES, CHRISTOPHER S., US
[72] MINTZ, DAVID S., US
[72] PAYNE, MARK F., US
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[54] **UNITES DE COUVERTURE DE SURFACE PERMEABLES ET COUVERTURE DE SURFACE PERMEABLE**
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[72] RICCOBENE, THOMAS S., US
[71] KEYSTONE RETAINING WALL SYSTEMS LLC, US
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[54] **METHOD AND APPARATUS FOR MANAGING A SELECT IP TRAFFIC OFFLOAD FOR MOBILE COMMUNICATIONS BASED ON USER LOCATION**
[54] **GESTION DE CONNEXION A UN RESEAU DE DONNEES POUR COMMUNICATION MOBILE EN FONCTION D'EMPLACEMENT D'UTILISATEUR**
[72] HORN, GAVIN BERNARD, US
[72] GIARETTA, GERARDO, US
[72] GRIOT, MIGUEL, US
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[72] HENNESSY, KRISTINA J., US
[72] VIEL, LAURENT, CA
[72] DIAZ-MENDEZ, ANDRES, CA
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[72] LI, YUE-SHENG, US
[72] BOONE, THOMAS C., US
[72] MIN, HO-SUNG, US
[72] TALVENHEIMO, JANE, US
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[54] **METHOD FOR DESIGNING A LENS SHAPE AND SPECTACLE LENS**
[54] **PROCEDE DE CONCEPTION D'UNE FORME DE VERRE ET VERRE DE LUNETTES**
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[72] NOLAN, ANGELA, AU
[72] SPRATT, RAY STEVEN, US
[72] VARNAS, SAULIUS, AU
[72] WIETSCHORKE, HELMUT, DE
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[54] **DUAL CHAMBER BOTTLE AND METHOD OF MAKING SAME**
[54] **BOUTEILLE A COMPARTIMENT DOUBLE ET PROCEDE DE FABRICATION DE LADITE BOUTEILLE**
[72] DIBIASIO, SERGIO, CA
[71] SILGAN PLASTICS LLC, US
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[54] **APPAREIL RESPIRATOIRE**
[72] WHITE, CRAIG KARL, NZ
[72] VAN BEURDEN, JASON PETER, NZ
[72] O'DONNELL, KEVIN PETER, NZ
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[54] **SHIELDING ASSEMBLIES FOR INFUSION SYSTEMS**
[54] **ENSEMBLE DE PROTECTION POUR SYSTEMES DE PERFUSION**
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[72] BALESTRACCI, ERNEST, US
[72] DARST, DANIEL D., US
[72] KRAUSE, ERIC J., US
[72] LOKHANDE, VISHAL N., US
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[54] **CASQUE DE SPORT AVEC PROTECTION CONTRE LES IMPACTS PAR ROTATION**
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[72] LAPERRIERE, JEAN-FRANCOIS, CA
[72] GENEREUX, MARIE-CLAUDE, CA
[72] COTE, DENIS, CA
[71] BAUER HOCKEY CORP., CA
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[54] **PRODUCT MANAGEMENT DISPLAY SYSTEM**
[54] **SYSTEME D'AFFICHAGE DE GESTION DE PRODUIT**
[72] HARDY, STEPHEN N., US
[71] RTC INDUSTRIES, INC., US
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[54] **METHODE D'ENLEVEMENT DE CONTAMINANT DESTINEE AUX COLONNES DE FRACTURATION**
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[72] MACKENZIE, STUART D., CA
[72] MACKENZIE, KELLY R., CA
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[54] **METHOD AND APPARATUS FOR SKIN STABILIZATION AND POSITIONING**
[54] **PROCEDE ET APPAREIL POUR POSITIONNEMENT ET STABILISATION DE LA PEAU**
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[72] CLOPP, MATHEW D., US
[72] GIROTRA, ROHIT, US
[72] GROSS, THOMAS DANIEL, US
[72] HA, HUNG V., US
[72] KNODEL, BRYAN, US
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[72] WALKER, JEFFREY A., US
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[54] **PROCEDES POUR LE TRAITEMENT ET LA PREVENTION D'UN DYSFONCTIONNEMENT RETINIEN LIE A L'AGE**
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[72] TOMESCU, LONEL, CA
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[72] HINKLE, GREGORY, US
[72] ALVAREZ, RENE, US
[72] MILSTEIN, STUART, US
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[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE DECHETS HUMIDES CONTENANT DES CONSTITUANTS ORGANIQUES**
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[54] **ANTICORPS MONOCLONAUX HUMAINS DIRIGES CONTRE UN LIGAND DE MORT PROGRAMMEE DE TYPE 1(PD-L1)**
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[72] SELBY, MARK J., US
[72] WANG, CHANGYU, US
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[72] PASSMORE, DAVID B., US
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[54] **METHODE DE DEPLACEMENT DE SEGMENT DE TOUR ET APPAREIL**
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[54] **ECHANGEUR DE CHALEUR VERTICAL A FLUIDE, INSTALLE DANS UN CORPS NATUREL A ENERGIE THERMIQUE**
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[54] **TRAITEMENT DE MALADIES LIEES AUX MITOCHONDRIES ET AMELIORATION DE DEFICITS METABOLIQUES LIES A L'AGE**
[72] COOPER, GARTH JAMES SMITH, NZ
[72] CHEN, NANCY XIUYIN, NZ
[72] GLYN-JONES, SARAH, NZ
[72] GONG, DEMING, NZ
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[21] **3,018,720**
[13] A1
[51] **Int.Cl. G08G 1/16 (2006.01) B60W 30/095 (2012.01) E21F 11/00 (2006.01) F16P 1/00 (2006.01) G08B 21/02 (2006.01) G08C 17/02 (2006.01) G08G 1/123 (2006.01)**
[25] EN
[54] **CONTEXT-AWARE COLLISION AVOIDANCE DEVICES AND COLLISION AVOIDANCE SYSTEM COMPRISING THE SAME**
[54] **DISPOSITIFS ANTICOLLISION SENSIBLES AU CONTEXTE ET SYSTEME ANTICOLLISION LES COMPORTANT**
[72] BUIST, ALEXANDRE, CA
[72] CERVINKA, ALEXANDRE, CA
[72] CROTEAU, SERGE, CA
[71] NEWTRAX HOLDINGS INC., CA
[22] 2013-10-11
[41] 2014-04-17
[62] 2,887,511
[30] US (61/713,019) 2012-10-12

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[21] **3,018,860**
[13] A1
[51] **Int.Cl. C07K 14/02 (2006.01) A61K 35/76 (2015.01) A61K 39/29 (2006.01) A61K 39/385 (2006.01) A61P 31/14 (2006.01) A61P 31/20 (2006.01) C07K 1/107 (2006.01)**
[25] EN
[54] **HYDROPHOBIC MODIFIED PRES-DERIVED PEPTIDES OF HEPATITIS B VIRUS (HBV) AND THEIR USE AS HBV AND HDV ENTRY INHIBITORS**
[54] **PEPTIDES DERIVES DE PRES MODIFIES HYDROPHOBES DU VIRUS DE L'HEPATITE B (VHB) ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA PENETRATION DU VHB ET DU VHD**
[72] MIER, WALTER, DE
[72] URBAN, STEPHAN, DE
[71] RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG, DE
[22] 2009-01-26
[41] 2009-07-30
[62] 2,713,189
[30] EP (PCT/EP2008/000591) 2008-01-25

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[21] **3,019,013**
[13] A1
[51] **Int.Cl. C12N 9/14 (2006.01) A61K 35/768 (2015.01) A61K 35/76 (2015.01) A61K 38/16 (2006.01) A61P 31/04 (2006.01) C07K 14/005 (2006.01) C07K 14/01 (2006.01) C12N 7/01 (2006.01) C12N 9/24 (2006.01) C12N 9/48 (2006.01) C12N 15/33 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
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[72] RODRIGUES LEANDRO, CLARA ISABEL, PT
[72] RODRIGUES PARDAL DIAS ANTUNES MARCAL DA SILVA, FILIPA MARIA, PT
[72] FERREIRA LLORENTE GRANCHO LOURENCO, SARA, PT
[71] TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA, PT
[71] TECNIFAR-INDUSTRIA TECNICA FARMACEUTICA, S.A., PT
[22] 2010-02-05
[41] 2010-08-12
[62] 2,751,641
[30] US (61/218,345) 2009-06-18
[30] US (61/150,585) 2009-02-06

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BHATTACHARYA, ROOPKATHA 3,018,537
BIARC, JORDANE 3,018,608
BIEL, SEBASTIAN 3,018,362
BIHR, WILLIAM 3,018,671
BILLINGS, NICOLE 3,019,362
BILOBROV, SERGIY 3,018,693
BIMANAND, ALEXANDER 3,018,997
BIOCERYX INC. 3,018,582
BIOCLENZ PH LLC 3,018,772
BIOCORP PRODUCTION S.A 3,018,628
BIOLOGICAL DYNAMICS, INC. 3,018,900
BIONOU RESEARCH, S.L. 3,018,625
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BIOTIME, INC. 3,019,357
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BIOVERATIV USA INC. 3,019,332
BIRCH, PETER 3,019,235
BIYANI, MAHESH VIJAYKUMAR 3,018,528
BLACK, MARC S. 3,019,339
BLACK, MARC S. 3,019,348
BLANCO GMBH + CO KG 3,018,586
BLANKE, THOMAS 3,018,943
BLASS, RUTH A. 3,019,378
BLESS, E. DAMIAN 3,018,560
BLOCK, COLLEEN 3,019,050
BLOMENKEMPER, MARC 3,019,020
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BOCK, MARTIN 3,018,644
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BONGIOVI ACOUSTICS LLC 3,018,543
BONIOLO, IVO EMANUELE FRANCESCO 3,019,169
BOOMER, KENT 3,018,595
BOOTH, REBECCA KATHRYN 3,018,813
BOOTZ, FELIX 3,018,351
BORDES, PHILIPPE 3,019,401
BOREAL GENOMICS, INC. 3,019,367
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BORNHOFT, STEPHEN 3,018,769
BOSS, DIMITRY 3,018,707
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BOULANGER, PIERRE 3,019,259
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BOURNE, EMANUELA 3,019,050
BOWERS, SARA S. 3,018,956
BOYLAN, JOHN F. 3,018,986
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BRANDT, TRAVIS T. 3,019,102
BRAUN, MICHAEL GUNTER 3,018,918
BRAY, ANDREW 3,019,243
BRAY, GORDON L. 3,018,986
BRETON, SYLVIE 3,018,365
BREUER, VOLKER 3,018,810
BREWER, EDWARD R. 3,019,102
BRICKER, GERALD J. 3,019,176
BRIGGS, FORREST SAMUEL 3,018,965
BRIGGS, FORREST SAMUEL 3,019,163
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BRIJWANI, KHUSHAL 3,018,583
BRIK, ROBERT 3,018,976
BRINKMAN, JOHN S. 3,019,238
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BROWN, TIMOTHY 3,018,756
BROYLES, AUSTIN 3,018,756
BRUCE, DANIEL JOHN 3,018,750

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BRUEHWILER, MICHEL 3,018,771
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BUCHSTALLER, HANS-PETER 3,019,240
BUDDA, ELIYAHU 3,019,174
BUELL, SEZEN 3,018,632
BUHRLAGE, SARA JEAN 3,019,182
BUNGER, MAUREEN KAY 3,018,696
BURCIAGA, DANIEL A. 3,018,980
BURGE, CHRISTIAN 3,018,350
BURKHARDT, PHILIP 3,018,632
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BUTERA, JOSEPH G., III 3,018,543
BUTLIN, ROGER JOHN 3,018,813
BUTTERFLY NETWORK, INC. 3,018,870
BUTTERFLY NETWORK, INC. 3,018,967
BUTTERFLY NETWORK, INC. 3,019,215
BYERLY, ROY H. 3,018,732
BYRNES, THOMAS J., JR. 3,018,787
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BYUN, TONY SANGYOUNG 3,019,332
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CAI, YU 3,019,189
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CALAERIS ENERGY & ENVIRONMENT LTD. 3,019,015
CAMARGO, LIVIA 3,019,412
CAMERON SOLUTIONS, INC. 3,019,175
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CAMPBELL, CHRIS 3,019,344
CAMPBELL, SAM 3,018,989
CAMPBELL, WILLIAM CHRISTOPHER 3,018,715
CAO, JIANHUA 3,018,602
CAO, LEI 3,019,224
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CAPELLI, CHRISTOPHER 3,018,842
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CARDER, GARY 3,018,569
CARDER, GARY 3,018,574
CARDER, GARY 3,018,583
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CERNOHOUS, JEFFREY JACOB 3,019,389
CHA, SEUNG EUN 2,998,245
CHAGNON, JEFFREY 3,018,770
CHAGNON, JEFFREY 3,018,771
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CHANDRAN, RAVI 3,018,980
CHANG, JIANHUI 3,018,991
CHANG, NINGJUAN 3,018,891
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CHANNELL, ALEXANDER B. 3,018,949
CHAO, XIAO 3,019,224
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CHEMOCENTRYX, INC. 3,019,391
CHEN, DANIEL T.Y. 3,018,596
CHEN, JIN 3,018,889
CHEN, KAILIANG 3,018,870
CHEN, KAILIANG 3,018,967
CHEN, KAILIANG 3,019,215
CHEN, KAIXIAN 3,018,599
CHEN, KAIXIAN 3,018,800
CHEN, LING 3,018,596
CHEN, MINHUA 3,018,610
CHEN, RONGLIANG 3,019,134
CHEN, SHUHUI 3,018,801
CHEN, WANSHI 3,019,350
CHEN, WANSHI 3,019,353
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CHENG, JUNG-FU 3,019,376
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CHIANG, CASPER W. 3,018,734
CHIPFUNHU, DANIEL 3,019,017
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CHOI, SU-BIN 3,019,333
CHONG, WON-EE 3,019,333
CHOU, MING-LI 3,018,637
CHRISTENSEN, LISE HANNE 3,019,201
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CHRISTOPHERSON, KAREN SUE 3,019,332
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CHUI, CLARENCE 3,018,749
CHUNG, HYE-SHIN 3,018,691
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CHUNG, YONGSOO 3,018,574
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CLEVELAND, THOMAS 3,019,380
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COFFMAN, KENNETH R. 3,019,319
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COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,018,760
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CONOVER, STEVE 3,019,369
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CONSTANTINEAU, COLE 3,018,771
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CONTURA INTERNATIONAL A/S 3,019,201
COOK, TREY D. 3,019,102
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CORNELISON, ANGELICA A. 3,018,990
CORNELY, OTMAR 3,019,235
CORPUS, JOSEPH M. 3,019,320
COSTA, CHRISTIAN SANCHEZ 3,018,807
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COX, HELEN C. 3,018,629
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CUBIC CORPORATION 3,019,177
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CUI, JIAN 3,018,647
CULBERT, BRADLEY S. 3,019,166
CURTIN, DAMIAN MICHAEL 3,018,655
CUSHEN, PATRICK 3,018,655
CUSHMAN, MICHAEL P. 3,018,553
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CYPHY WORKS, INC. 3,018,601
CYTRELLIS BIOSYSTEMS, INC. 3,018,976
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DA COSTA, MARCELO MOREIRA 3,019,323
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DEAN, WILLIAM C. 3,018,557
DECEDUE, CHARLES 3,018,989
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DEMONT, EMMANUEL HUBERT 3,018,358
DEMOPULOS, GREGORY A. 3,018,774
DENINGER, DANIEL A. 3,018,939
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DEVOS, DAVID 3,018,637
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DHARMARAJAN, NARAYANASWAMI 3,018,952
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DIAS, LIBARDO O. 3,018,584
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DILLEY, RODNEY 3,018,765
DILONE, ENRIQUE 3,019,128
DILUCHO, ROBERT 3,018,587
DIMATTEO, KRISTIAN 3,018,976
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DIMBERG, CHRIS 3,018,905
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DING, CHARLES Z. 3,018,801
DING, JIAN 3,018,602
DIOGO, SYLVAIN 3,018,628
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DO, HUNG V. 3,019,354
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DOISNEAU, DAVID 3,018,760
DOLAN, LAWRENCE EDWARD 3,018,552
DOLAN, LAWRENCE EDWARD 3,018,555
DOLAN, LAWRENCE EDWARD 3,018,559
DOLAN, LAWRENCE EDWARD 3,018,598
DOLAN, LAWRENCE EDWARD 3,018,799
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DORVAL, ERIC 3,019,185
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DOSATRON INTERNATIONAL 3,019,370
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DOW GLOBAL TECHNOLOGIES LLC 3,018,721
DOW GLOBAL TECHNOLOGIES LLC 3,018,968
DOW GLOBAL TECHNOLOGIES LLC 3,018,979
DOW GLOBAL TECHNOLOGIES LLC 3,019,189
DOW GLOBAL TECHNOLOGIES LLC 3,019,324
DOW GLOBAL TECHNOLOGIES LLC 3,019,339
DOW GLOBAL TECHNOLOGIES LLC 3,019,348
DOW SILICONES CORPORATION 3,018,622
DR. GERHARD MANN CHEM.-PHARM. FABRIK GMBH 3,018,636

DR. NEIDLINGER HOLDING GMBH 3,019,263
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DREW, ARLEY STEPHEN 3,018,571
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DUCROQUET, FREDERIC 3,018,934
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E3 GREEN TECHNOLOGY CO., LTD. 3,019,218
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EDISON WELDING INSTITUTE, INC. 3,018,949
EDWARDS LIFESCIENCES CORPORATION 3,019,233
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EGELUND, SUNE DAASKOV 3,019,193
EKLIPSE LUMINAIRE ARCHITECTURAL INC. 3,018,832
EL-KADY, MAHER F. 3,018,568
ELEMENT 22 GMBH 3,018,808
ELI LILLY AND COMPANY 3,018,732
ELI LILLY AND COMPANY 3,018,792
ELI LILLY AND COMPANY 3,018,984
ELI LILLY AND COMPANY 3,018,985
ELI LILLY AND COMPANY 3,019,232
ELLIOTT, DAVID ALAN 3,019,247
ELLIOTT, SARAH 3,018,566
ELLIS, ANDREW 3,018,807
ELLIS, CARL 3,018,769
EMBER TECHNOLOGIES, INC. 3,018,977
EMBREE, KELLIE D. 3,019,378
EMMETT, EDWARD JOHN 3,019,009
ENDO, KAORU 3,018,660
ENERGY WATER SOLUTIONS, LLC 3,018,529
EOFF, LARRY STEVEN 3,018,528
EOS ENERGY STORAGE, LLC 3,018,956
EPIROC ROCK DRILLS AKTIEBOLAG 3,018,970
ERLICH, ELY 3,019,174
ERWIN, GRAHAM 3,019,342
ESQUIVIAS PROVENCIO, JORGE 3,018,611
ESSEGHIR, MOHAMED 3,018,594
ESSEX INDUSTRIES, INC. 3,018,557
ESSILOR INTERNATIONAL 3,019,346
ESTOK, THOMAS M. 3,018,875
ESTRADA, DANIEL M. 3,019,306
ETHICON, INC. 3,019,377
ETHRIS GMBH 3,018,904
EUDES, FRANCOIS 3,018,817
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EVERTSEN, STEFFEN 3,018,665
EXXONMOBIL CHEMICAL PATENTS INC. 3,018,952
EZ MALE PADS, INCORPORATED 3,019,363
F. HOFFMANN-LA ROCHE AG 3,018,351
FABIO PERINI S.P.A. 3,018,614
FACEBOOK, INC. 3,018,542
FACEBOOK, INC. 3,018,692
FACEBOOK, INC. 3,018,693
FACEBOOK, INC. 3,018,965
FACEBOOK, INC. 3,019,163
FAIRBANKS, CAROLYN ANN 3,018,750
FALLON, GARY 3,019,243
FAN, PINGCHEN 3,019,137
FANG, PING 3,019,360
FANG, SHAOLI 3,018,747
FANG, ZEHUI 3,019,213
FAUCHER, THOMAS ROMEO 3,018,983
FAXER, SEBASTIAN 3,019,372
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FEDORA, JOSEPH 3,018,632
FERNANDEZ, PAUL F. 3,019,105
FERNANDO, LALITH 3,019,273
FERREIRA, FILIPE 3,018,807
FIDANZE, STEVEN D. 3,018,802
FIELDHOUSE, ADAM 3,018,616
FIFE, KEITH G. 3,018,967
FILLIPOV, MIKHAIL 3,018,601
FILVAROFF, ELLEN 3,018,986
FINCH, CHARLES DAVID, JR. 3,018,868
FINE, RICHARD MASTEN 3,018,885
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FINN, JONATHAN D. 3,018,978
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FIRESTONE BUILDING PRODUCTS CO., LLC 3,018,752
FIRMIN, REUBEN 3,018,815
FISCHER, ROBERT 3,019,028
FLACK, MARY RUTH 3,018,794
FLEISCHMAN, ANDREW NEIL 3,018,776
FLEUREAU, JULIEN 3,018,600
FLINGAI, SELEEKE 3,018,566
FLOAT, JOSEPH T. 3,019,176
FLORES RENTERIA, ARTURO 3,019,406
FLORES-FIGUEROA, AARON 3,018,930
FLOROS, MICHAEL 3,019,010
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FOBEL, RYAN 3,019,196
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FONTAINE, MARSHAL A. 3,018,758
FONTE, MATTHEW 3,019,352
FORNEY, DAVID 3,018,939
FORTIN, TANGUY 3,018,608
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FOUCHA, NIGEL M. 3,018,791
FOX, ANDREW R. 3,018,596
FPINNOVATIONS 3,018,577
FPINNOVATIONS 3,018,578
FRANCESCHI, FEDERICO 3,019,001
FRANCOIS, EDOUARD 3,019,401
FRANKO, ANDREW 3,018,847
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUND DER ANGEWANDTEN FORSCHUNG E.V. 3,018,639
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,018,641
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,019,018
FREBOURG, PHILIPPE 3,019,294
FREDA, MARTINO M. 3,019,345
FREEMAN, SCOTT 3,019,108
FREITAS, MARK 3,018,939
FREITAS, SHAWN ROBERT 3,018,980
FRENCH, JUSTIN A. 3,018,569
FREY, STEVEN OSCAR 3,018,575
FRIEDMAN, DORON 3,019,349
FRIEDRICH, STEVEN GEORGE 3,019,343
FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG 3,018,639
FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG 3,018,641
FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG 3,019,018
FRIEMAN, BRYAN A. 3,019,380
FRITO-LAY NORTH AMERICA, INC. 3,018,966
FROSELL, THOMAS JULES 3,019,317
FU, XIANLEI 3,018,602
FUJIEDA, HIROAKI 3,019,094
FUJIKURA LTD. 3,018,669
FUJIWARA, TAKANORI 3,019,086
FULTON, DWIGHT D. 3,019,319
FUNADA, SHIGEYUKI 3,019,096
FURSA, OLEG 3,019,260

FUSS, JILL O. 3,018,993
GAAL, PETER 3,019,353
GAEBELE, TRACY L. 3,019,105
GAGE, ALEXANDER WADE 3,018,905
GAGLIARDINO, JOSEPH L. 3,019,176
GAIK, JONATHAN 3,019,335
GAINER, JOHN L. 3,018,550
GAL, JI-YEONG 3,019,333
GALAS, ADAM 3,018,658
GALEWSKI, JEAN-MARC 3,019,314
GALLAGHER, KAITLIN MARGARET 3,018,911
GALLER, ANNETTE BETTINA 3,018,794
GANGULY, DIPYAMAN 3,018,537
GANTZ, SARAH 3,018,768
GANTZ, SARAH 3,018,866
GANTZ, SARAH 3,018,987
GARCIA, JOSE L. 3,019,161
GARDEN, ALEXANDER JOHN 3,018,734
GARDINER, ERIC S. 3,019,418
GARDNER, REBECCA 3,018,588
GARELLA, LINDA 3,018,918
GARLOCK, ADAM 3,019,352
GARNCARZ, DARIUSZ BARTLOMIEJ 3,019,162
GARRE VENKATA RAGHAVENDRA, SATISH KUMAR 3,018,963
GAULIER, STEVEN 3,019,009
GAUSMANN, KEITH 3,019,338
GE AVIATION SYSTEMS LIMITED 3,019,247
GEBAUER & GRILLER METALLWERK GMBH 3,019,024
GELLRICH, HANNO 3,019,277
GEMALTO M2M GMBH 3,018,810
GENCER, MEHMET A. 3,019,392
GENERAL ELECTRIC COMPANY 3,018,505
GENERAL ELECTRIC COMPANY 3,019,393
GENERAL MILLS, INC. 3,018,699
GENFIT 3,019,205
GENFIT 3,019,399
GENG, MEIYU 3,018,602
GENOVES MARTINEZ, SALVADOR 3,018,625
GENSIOR, ALBRECHT 3,019,098
GENZYME CORPORATION 3,018,745
GEOFFROY, GARY JOHN 3,019,317
GHANOUNI, KAV 3,019,243
GHOSH, AMRIT RAJ 3,018,537
GHOSH, MALOY 3,018,936
GIBBS, MATTHEW RONALD 3,018,885
GIESE, ALF 3,019,241
GIESLER, JAYSUN 3,019,338
GILEAD SCIENCES, INC. 3,019,003
GILL, TIMOTHY 3,018,733
GILLESPIE, RONALD J. 3,018,973
GILLET, KEVIN 3,018,628
GINGGEN, ALEC 3,018,976
GISLER, STEFAN 3,018,770
GLASHAN, ROSS 3,018,797
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 3,018,358
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,018,611
GLOBAL TEL*LINK CORP. 3,018,820
GOJO INDUSTRIES, INC. 3,018,768
GOJO INDUSTRIES, INC. 3,018,865
GOJO INDUSTRIES, INC. 3,018,866
GOJO INDUSTRIES, INC. 3,018,987
GOJO INDUSTRIES, INC. 3,019,173
GOKTEPE, FATMA 3,018,747
GOKTEPE, OZER 3,018,747
GOLCONDA HOLDINGS LLC 3,018,500
GOLDBERG, MICHAEL 3,019,144
GOLDSMITH, ANDREW 3,018,651
GOLEBIOWSKI, DIANE 3,019,315
GOLNARAGHI, FARID 3,018,579
GOMES, JORGE C. 3,019,324
GONG, YONGHUA 3,018,594
GONZALEZ, RICHARD T. 3,019,319
GOODWIN, JAMES ELLIOT 3,018,930
GOODWIN, SCOTT 3,018,868
GOSSAGE, DAVID 3,019,003
GOTSCHALL, RUSSELL 3,019,128
GOTSCHALL, RUSSELL 3,019,354
GOTTLIEB, PETER A. 3,018,727
GOULD, TODD 3,018,959
GOULD, TODD 3,019,012
GOURBET, PATRICE 3,018,628
GRABER, JENS 3,019,404
GRAD, ANDREJ 3,018,606
GRAD, ANDREJ 3,018,609
GRAD, ANDREJ 3,018,642
GRAD, ANDREJ 3,018,643
GRAD, ANDREJ 3,018,644
GRAETER, PETER 3,019,263
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,019,355
GRAVERMANN, MARK 3,018,712
GRAY, NATHANAEL S. 3,019,182
GREEN, JENNIFER 3,019,366
GREEN, LOGAN 3,018,756
GREEN, MICHAEL R. 3,019,311
GREEN, NICHOLAS A. 3,018,617
GREENBERGER, HAL P. 3,018,590
GREENFIELD, GILES 3,018,744
GREENSTEIN, ANDREW 3,019,003
GREINER, HELEN 3,018,601
GREINER, VERA 3,019,144
GRIEBLER, PETER 3,019,271
GRIESHOP, MATTHEW 3,019,342
GRIMBERG, ELENA 3,019,272
GRINBERG, SARINA 3,018,945
GRISPIN, CHARLES W. 3,019,392
GRISWOLD, JEFFREY 3,018,939
GRODZKI, JACEK 3,019,406
GROELL, JULIAN 3,018,889
GRONDIN, YOHANN 3,019,336
GROOME, JOHN 3,018,651
GROOTENHUIS, PETER DIEDERIK JAN 3,019,380
GRUSZKA, SARAH 3,019,362
GUAN, SHAN 3,019,212
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 3,018,899
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 3,018,903
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,018,597
GUBBELS, FREDERIC 3,018,622
GUIDE VALVE LIMITED 3,018,562
GUNGABISSOON, RAVINE ANTHONY 3,019,210
GUO, DEREK 3,018,623
GUO, DEREK 3,018,633
GUO, DEREK 3,018,638
GUO, JAMES 3,018,623
GUO, JAMES 3,018,633
GUO, JAMES 3,018,638
GUPTA, AMIT 3,019,219
GUPTA, DEEPTI 3,018,963
GUT, CYRILL 3,018,603
HAAS, BENJAMIN 3,018,763
HACKBARTH, RONALD 3,019,020
HADIDA RUAH, SARA S. 3,019,380
HAGHIGHAT, AFSHIN 3,019,371
HAILEY, STEPHEN C. 3,018,738
HAINES, CARTER S. 3,018,747
HAJEK, ANDREAS 3,018,586
HALAN, VIVEK 3,018,936
HALBROOK, COURTLAND J. 3,019,378
HALDER, ARINDAM 3,018,670
HALL, ADRIAN 3,018,352
HALL, MARK 3,019,011
HALLIBURTON ENERGY SERVICES, INC. 3,018,506
HALLIBURTON ENERGY SERVICES, INC. 3,018,528
HALLIBURTON ENERGY SERVICES, INC. 3,018,711
HALLIBURTON ENERGY SERVICES, INC. 3,018,819
HALLIBURTON ENERGY SERVICES, INC. 3,019,317
HALLIBURTON ENERGY SERVICES, INC. 3,019,318
HALLIBURTON ENERGY SERVICES, INC. 3,019,319
HALTER, JEREMY 3,018,560
HAMAMOTO, WATARU 3,018,538
HAMILTON, FRANK 3,018,758
HAMMES, CLAUDIA MARIA 3,019,007
HAN, TAE-DONG 3,019,333
HAN, YONGXIN 3,018,649
HANEBUTH, CHUCK 3,018,529
HANNA, SAMUEL COLIN 3,018,715
HARATA, IKUE 3,019,089
HARDING, WESTON F. 3,018,737

HARDING, WESTON F. 3,018,793
HARLAN, C. JEFF 3,019,327
HARLOW, DAVID SCOT 3,019,329
HARPAZ, JACOB 3,019,174
HARRIER TECHNOLOGIES, INC. 3,018,816
HARRINGTON, KAITLIN EMILY 3,018,980
HARRIS, MARC ALLAN 3,018,877
HARRISON, BOYD L. 3,019,146
HARRISON, LEE ANDREW 3,018,358
HARTE, MATTHEW V. 3,018,751
HARTE, MATTHEW V. 3,018,905
HARTL, TOM AARON 3,018,784
HARTLEY, JOSHUA 3,018,368
HARTMANN, DANIEL MORRIS 3,018,984
HARTMANN, DANIEL MORRIS 3,018,985
HARTMANN, DANIEL MORRIS 3,019,232
HASHIHAYATA, TAKASHI 3,019,097
HASHIMOTO, KAZUHIRO 2,991,840
HASHIMOTO, KAZUHIRO 2,991,844
HASKELL, TARA MICHELE 3,019,017
HASVOLD, LISA A. 3,018,802
HAUFE, MARKUS 3,018,603
HAVI GLOBAL SOLUTIONS, LLC 3,018,786
HAWES, NATHANIEL BENEDICT 3,019,393
HAWS, RICHARD B. 3,018,593
HAYASHI, KEIKI 3,018,940
HAYES, JOEL 3,019,358
HE, HUIJUN 3,018,801
HE, XU 3,018,798
HEARD, DAVID W. 3,018,755
HEBNER, NICHOLAS 3,018,797
HEER, JAG PAUL 3,018,907
HEER, JAG PAUL 3,018,992
HEER, JAG PAUL 3,019,026
HEER, JAG PAUL 3,019,245
HEEREN, TAMMO 3,019,172
HEIM, FRANK 3,019,123
HELDMAN, ELIAHU 3,018,945
HENSEL, JOSEPH D. 3,019,392
HEPWORTH, RICHARD 3,019,243
HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD 3,018,817
HERBST, JAN-PATRICK 3,019,143
HERFURTH, ROBERT 3,019,406
HERMANN, GEORGE D. 3,018,761
HERMANS, HANS MARIA KAREL 3,018,657
HERMEY, ANDREAS 3,018,818
HERSHEY, BRADLEY 3,018,580
HERVE, PASCAL 3,019,246
HESAMPOUR, MEHRDAD 3,019,153
HETRICH, MITCHELL H. 3,019,011
HEUBERGER, ALBERT 3,018,639
HEUBERGER, ALBERT 3,018,641
HEYDARI, MAHSA 3,019,327
HIGH, DONALD R. 3,018,971
HIGH, DONALD R. 3,018,994
HIGH, DONALD R. 3,019,378
HILL, JAMES LYNN 3,018,777
HILLEGASS, KYLE 3,018,632
HILTI AKTIENGESELLSCHAFT 3,018,806
HINESTROSA SALAZAR, JUAN PABLO 3,018,900
HIRAMATSU, SHINGO 3,019,297
HIRATA, KAZUHIRO 3,019,340
HITCHENS, GEOFFREY DUNCAN 3,018,631
HO, MAN HO STEPHEN 3,019,196
HOCHSTOGER, JURGEN 3,019,024
HODGE, STEPHEN LEE 3,018,820
HODOREK, BRIAN C. 3,018,789
HOEINK, TOBIAS 3,019,107
HOFFMAN, BARRY 3,019,015
HOFFMAN, COLTON GARRETT 3,018,591
HOFFMANN, GREGG 3,019,179
HOGAN, TODD A. 3,019,339
HOGAN, TODD A. 3,019,348
HOKE, STEVEN HAMILTON 3,018,559
HOLDER, JASON W. 3,019,362
HOLLAND, MARC 3,019,107
HOLMAN, MICHAEL 3,018,764
HOLMAN, MICHAEL 3,018,767
HOMAR, ALEIX MEGIAS 3,018,955
HOMMA, IKUE 3,019,292
HONDA MOTOR CO., LTD. 3,018,940
HONGO, SATOSHI 3,018,690
HOOVER, PAUL ARMISTEAD 3,018,758
HORA, ANURADHA 3,018,936
HORABIN, ROBERT WILLIAM 3,019,248
HORN, GAVIN BERNARD 3,018,890
HORSLEY, HELEN TRACEY 3,018,992
HOSHINO, SHINJI 3,019,346
HOSSEINI, SEYEDKIANOUSH 3,019,350
HOSSEINI, SEYEDKIANOUSH 3,019,353
HOULE, MARTIN 3,019,187
HPC HEALTHLINE UK LIMITED 3,019,414
HU, LIHONG 3,018,801
HU, YUANDONG 3,018,649
HUANG, CHAO BAI 3,019,398
HUANG, LEIJIE 3,018,886
HUANG, LIANFENG 3,019,105
HUANG, MIN 3,018,602
HUANG, YONG 3,019,016
HUAWEI TECHNOLOGIES CO., LTD. 3,019,360
HUBBARD, MICHAEL J. 3,018,752
HUBBARD, ROBERT 3,018,986
HUBBELL INCORPORATED 3,018,781
HUBBELL INCORPORATED 3,018,983
HUBER-TOTH, ANDREAS 3,018,351
HULSEMAN, RALPH 3,018,786
HULSKOTTER, FRANK 3,018,930
HUMAN LONGEVITY, INC. 3,018,705
HUNG, JU-SUNG 3,019,385
HUNT, MICHAEL 3,018,996
HUNT, RHONA 3,019,023
HUNTER, STEPHEN 3,019,142
HURTUBISE, MICHELLE ANNE 3,018,963
HUSQVARNA AB 3,019,388
IGUS GMBH 3,018,818
IKEDA, SHUHEI 3,019,298
IM THERAPEUTICS 3,018,727
IMBIBITIVE TECHNOLOGIES CORPORATION 3,019,238
IMCYSE SA 3,019,266
IMPACT SOLUTION LLC 3,019,103
IMPER S.P.A. 3,018,803
INDENA S.P.A. 3,019,001
INDUSTRIAL SCIENTIFIC CORPORATION 3,018,763
INEOS EUROPE AG 3,019,314
INGLIS, PETER DEREK WALTER 3,018,819
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,018,637
INSKEEP, PHILIP B. 3,019,375
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,019,412
INTELLIA THERAPEUTICS, INC. 3,018,978
INTERDIGITAL PATENT HOLDINGS, INC. 3,019,345
INTERDIGITAL PATENT HOLDINGS, INC. 3,019,371
INTERDIGITAL VC HOLDINGS, INC. 3,018,600
INTERDIGITAL VC HOLDINGS, INC. 3,019,401
ISAACSON, S. RAY 3,018,793
ISCAR LTD. 3,019,174
ISHIDA, YUZO 3,018,822
ITO, NAOTO 3,018,669
ITO, YOSHIHIRO 3,019,325
IVLEV, ANDREI VALENTINOVICH 3,018,982
IWABUCHI, SATOSHI 3,019,087
IWABUCHI, SATOSHI 3,019,088
IWABUCHI, SATOSHI 3,019,090
IYER, SANGEETHA VENKATRAMAN 3,018,784
JAASKELAINEN, MIKKO 3,018,506
JACKSON, MATTHEW J. 3,019,105
JACKSON, VICTORIA ELIZABETH 3,018,813
JACOBSMEYER, RUSSELL 3,018,557
JACQUOT, ROLAND 3,019,246
JADOT, SOPHIE 3,018,992
JAIN, SAURABH 3,018,962
JAKOBSEN, ROLF 3,019,099
JANAK, KEVIN E. 3,019,171
JANSEN, RONALD 3,019,108
JANSSEN VACCINES & PREVENTION B.V. 3,018,941

JAPAN TOBACCO INC. 3,018,824
JAULIAC, SEBASTIEN 3,019,412
JEFFORDS, JASON 3,018,601
JELVEH, COMBIZ 3,018,579
JEMAA, NACEUR 3,018,578
JENKINS, DENNIS K. 3,019,173
JENKINS, JOSHUA HERBERT 3,019,129
JENSEN, EIGIL MOLVIG 3,019,085
JENSEN, MICHAEL 3,018,588
JENSEN, TIMOTHY C. 3,018,696
JEZ, EMMANUEL 3,018,628
JIANG, HUALIANG 3,018,599
JIANG, HUALIANG 3,018,800
JIANG, JING 3,018,626
JIANG, LEI 3,018,602
JIANG, WEILAI 3,018,596
JIANG, YUXI 3,018,605
JIASHAN SANSI OPTOELECTRONIC TECHNOLOGY CO. LTD. 3,018,605
JIMBO, NORIYUKI 3,018,539
JNOFF, ERIC 3,018,352
JO, HYUNIL 3,019,130
JOCHEMSEN, KEES 3,019,379
JOENSUU, IIRIS 3,019,153
JOHNSON & JOHNSON CONSUMER INC. 3,018,973
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,018,545
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,018,549
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,018,554
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,018,558
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,018,570
JOHNSON, ANDREW DAVID 3,019,172
JOHNSON, BENJAMIN 3,018,368
JOHNSON, CHRISTOPHER M. 3,018,791
JOHNSON, JON E. 3,018,721
JOHNSON, MICHAEL CHARLES 3,018,911
JOHNSON, SAM 3,018,601
JOHNSON, SEAN 3,018,911
JOHNSON, WADE C. 3,019,363
JOHNSON, WINSOME 3,018,966
JOHNSTON, EDWARD 3,019,242
JOLLEZ, PAUL 3,019,331
JONES, GRAHAM BARRY 3,018,985
JONES, MATTHEW A. 3,019,378
JONES, MATTHEW ALLEN 3,018,871
JONES, NATHAN G. 3,018,994
JONES, NICHOLAUS ADAM 3,018,871
JONS, STEVEN D. 3,018,721
JOSEPH, JOHN R. 3,018,888
JP SCIENTIFIC LIMITED 3,019,256
JUBECK, SCOTT 3,018,763
JUNG, EUN-HYE 3,019,333
JUNG, HEIYOUN 3,019,391
JUNGBAUER, ANN-SYLVIA 3,019,365
JUNTTAN OY 3,019,280
JURIC, VLADI 3,019,003
JUSTRIDE 3,019,274
JXTG NIPPON OIL & ENERGY CORPORATION 3,018,942
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 3,018,539
KAHLEN, WERNER 3,019,305
KAKANI, NAVEEN KUMAR 3,019,403
KALBASENKA, ALIAKSEI 3,019,265
KALJURA, KARL 3,019,243
KALWARA, JOSEPH 3,018,752
KAMANAGOWDA, VEERESHA 3,018,936
KAMISHINA, NOBORU 3,018,940
KAMIYA, KATSUHIKO 3,019,346
KANER, RICHARD BARRY 3,018,568
KANG, HO-WOONG 3,019,333
KANG, JUNG-KIL 3,018,833
KANG, JUNG-KIL 3,018,836
KANG, JUNG-KIL 3,018,837
KARABIN, LYNETTE M. 3,018,755
KAREN SUE SVEJKOVSKY, TRUSTEE OF THE P.A. & K.S. SVEJKOVSKY LIVING TRUST, DATED JULY 9, 1997 3,018,879
KAREN SUE SVEJKOVSKY, TRUSTEE OF THE PAUL A. SVEJKOVSKY FAMILY TRUST 3,018,879
KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG 3,018,921
KARNES, WILLIAM MICHAEL 3,019,352
KASAHARA, TAKUYA 3,019,096
KASAHARA, TAKUYA 3,019,284
KASTSIAN, DARYA 3,019,409
KATO, JURAN 3,019,091
KATO, NORIO 3,018,824
KATO, YUKO 3,019,095
KATSUMOTO, YUKIHISA 3,018,690
KAVANAUGH, JACK 3,018,568
KAWCHUK, GREG 3,018,924
KAZEMIER, GEERT 3,019,381
KEEF, ANALISA TAMAYO 3,018,542
KEIDAR, YARON 3,019,233
KEIPER, OLIVER 3,018,362
KELLEHER, KEVIN 3,019,023
KEMIRA OYJ 3,019,153
KEMIRA OYJ 3,019,323
KEMPTER, ANDREAS 3,018,811
KENG, BRIAN 3,019,191
KERETH, LIOR BEN 3,018,542
KERETH, LIOR BEN 3,018,692
KERETH, LIOR BEN 3,018,693
KERIC, NAUREN 3,019,241
KESMEZ, MEHMET 3,018,631
KEVELOS, ADAM 3,019,108
KEYAERTS, JEAN 3,018,907
KEYAERTS, JEAN 3,018,992
KEYAERTS, JEAN 3,019,245
KHADKEVICH, MAKSIM 3,018,693
KHAN, AMIR 3,018,936
KHAN, FUAD 3,019,414
KHANICHEH, AZADEH 3,018,775
KHATUYA, HARIPADA 3,019,380
KHOPADE, AJAY JAYSINGH 3,018,670
KIBA, TAKATOSHI 3,018,824
KIERAT, RADOSLAW 3,018,811
KILIAN, GERD 3,018,639
KILIAN, GERD 3,018,641
KILIAN, GERD 3,019,018
KILLO, JASON C. 3,018,751
KILLO, JASON C. 3,018,905
KIM, DONG-HOON 3,019,333
KIM, HONG-SEOK 3,018,542
KIM, JONG-GYUN 3,019,333
KIM, WOOHONG 3,018,996
KIM, YOUNG-HWAN 3,019,333
KIM, YUN CHEOL 3,019,398
KINCAID, ROBERT 3,018,746
KINET, JEAN-PIERRE 3,018,635
KIRACOFE, CAITLIN MARIE 3,018,963
KIRCHNER, ALANNA 3,019,203
KIRK, RENEE A. 3,018,990
KISHIMOTO, AKIRA 3,018,937
KITAZAWA, MANABU 3,019,325
KITE PHARMA, INC. 3,019,135
KITE PHARMA, INC. 3,019,149
KLAFFENBACH, PETER 3,019,007
KLEBANSKY, BORIS 3,018,885
KLINGHOFFER, RICHARD 3,018,932
KLINIKUM DER UNIVERSITAET MUENCHEN 3,019,212
KLUG, SCOTT 3,019,358
KNEISSL, JAKOB 3,018,639
KNEISSL, JAKOB 3,018,641
KNEISSL, JAKOB 3,019,018
KNIGHT, CHAD 3,018,595
KNIGHT, DAVID JOHN 3,019,175
KOBAYASHI, KOJI 3,019,297
KODAMA, RIHO 3,019,325
KOECHER, BERND 3,018,943
KOFSKY-WOFFORD, STEPHANIE A. 3,019,323
KOIKE, TOMOYUKI 3,018,697
KOISHI, AKIFUMI 3,018,697
KOLVENBACH, DIETER 3,019,235
KOMATSU LTD. 2,991,840
KOMATSU LTD. 2,991,844
KOMINE, YOSHITAKA 3,018,825
KONINKLIJKE PHILIPS N.V. 3,018,995
KONKEL, ANNE 3,019,028
KONYALA, MOHAN 3,019,359
KOPPENSTEINER, EWALD 3,019,024
KOPSIE, ERIC M. 3,018,787
KORNACKER, MICHAEL 3,019,199
KORNACKER, MICHAEL 3,019,202
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OLDHAM, MICHAEL J. 3,019,002
OLIVIER, THIERRY 3,019,294
OLIVIER, THIERRY 3,019,300
OLIVIER, THIERRY 3,019,303
OLSON, JONATHAN M. 3,018,761
OMEICOS THERAPEUTICS GMBH 3,019,028
OMEROS CORPORATION 3,018,774
OMRIX BIOPHARMACEUTICALS LTD. 3,019,272
ONG, IVAN W. 3,019,008
OPEN COSMOS LTD. 3,018,955
ORBUS THERAPEUTICS, INC. 3,018,821
ORNDORFF, STEVE 3,018,727
ORR, NADAV 3,019,272
ORR, SHAWN G. 3,019,002
ORTH, JON M. 3,019,319
ORTIGOZA PETIT JEAN, ANAID GOMEZ 3,018,692
OSAKA GAS CO., LTD. 3,018,937
OSATO, KEN 3,018,669
OSAWA, TAZO 3,019,198
OSHIMA, KATSUHITO 3,019,340
OSIECKI, SCOTT 3,018,632
OSMUNDSON, PAUL 3,018,943
OSTERLOH, REINHARD 3,018,606
OSTERLOH, REINHARD 3,018,609
OSTERLOH, REINHARD 3,018,642
OSTERLOH, REINHARD 3,018,643
OSTERLOH, REINHARD 3,018,644
OSTRANDER, JOHN 3,018,931
OTAKE, NORIKAZU 3,019,097
OUTWARD, INC. 3,018,749
PAAVOLA, JAAKKO 3,019,280
PACE, ALESSANDRO 3,018,923
PACHOUD, DAMIEN 3,019,197
PADULA, ANDREW 3,019,306
PADULA, STEVEN JOHN 3,018,794
PAETOW, MARIO 3,018,806
PAGE, LOUIS B. 3,019,378
PAHLEVANINEZHAD, MAJID 3,013,132
PALEDZKI, MAGNUS 3,019,418
PALEOLOGOU, MICHAEL 3,018,578
PALLAI, ANDRE 3,018,832
PALMANTIER, ARTHUR 3,019,305
PALMER, DANIEL 3,018,923
PALMER, JASON 3,018,939
PALMER, MATTHEW 3,019,352
PANG, GAOKUN 3,019,360
PANICKER, SANDIP 3,019,332
PAOLINELLI, ALESSIO 3,018,614
PAPALE, MASSIMO 3,018,653
PARAMASIVAM, SANKAR MUTHU 3,019,192
PARANG, KEYKAVOUS 3,018,561
PARATEK PHARMACEUTICALS, INC. 3,018,872
PARIS, MARK 3,018,990
PARK, BRIAN V. 3,018,506
PARK, CHAN-SUN 3,019,333
PARK, JAEHAN 3,019,335
PARK, JEONGHWAN 3,019,243
PARK, JIN-HWI 3,019,333
PARK, JUN-CHUL 3,019,333
PARK, SOON JAE 3,018,691
PARKER, GLEN C. 3,018,787
PARKER, JON LELAND 3,018,791
PARMAR, MANU 3,018,749
PARROTT, TRACY 3,018,875
PARRY, GRAHAM 3,019,332
PARTOSH, MICHAEL 3,018,925
PARVIZI SURGICAL INNOVATION, LLC 3,018,776
PARVIZI, JAVAD 3,018,776
PATEL, AMI 3,018,566
PATEL, JAY SURESHBHAI 3,019,321
PATEL, MIHIR CHANDRAKANT 3,018,978
PATEL, SHIMMAN ARVIND 3,019,350
PATEL, SHIMMAN ARVIND 3,019,353
PATEL, SHIVANI 3,018,936
PATEL, VIVEK 3,018,670
PAUL, BARNALI 3,018,537
PAULSOHN, CARSTEN 3,019,085
PAUNESCU, ALEXANDRU 3,018,973
PAWLISZYN, JANUSZ B. 3,019,256
PEACE, EDWIN 3,019,389
PEDICINI, CHRISTOPHER 3,019,106
PEDICINI, CHRISTOPHER 3,019,216
PEIRSMAN, DANIEL 3,018,999
PEL, JOEL 3,019,367
PENG, YONG 3,018,649
PENNERS, JACK 3,019,305
PEPPER, JORDAN 3,018,817
PEREIRA, ALEXANDRE 3,018,628
PEREZ ORQUIN, JOSE MANUEL 3,018,625
PERLARA PBC 3,018,784
PERLSTEIN, ETHAN OREN 3,018,784
PERROT, BENEDICTE 3,019,157
PERSICANER, PETER H.R. 3,019,375
PETERSON, BRYAN P. 3,018,754
PETHE, KEVIN 3,018,611
PETRI, KENNETH C. 3,018,879
PFAFFLE, ANTONY 3,018,587
PHAM, THIEN VAN 3,019,004
PHILIBERT, YANNICK 3,019,187
PHILIP MORRIS PRODUCTS S.A. 3,019,260
PICCARD, DOUGLAS 3,019,142
PIIRONEN, MARJATTA 3,019,153
PINEDO, HERBERT MICHAEL 3,019,381
PINON, JAMES 3,019,142
PIONEER HI-BRED INTERNATIONAL, INC. 3,018,894
PIPE, JED 3,018,950
PLANK, CHRISTIAN 3,018,904
PLANQUE, MICHEL 3,019,206
PLONCZAK, PAWEL J. 3,019,320
POH, TECK 3,019,313
POLLARD, MATHIEU 3,018,628
POMPER, MARTIN G. 3,018,709
POORBAUGH, JOSHUA DADE 3,018,792
POPOV, LEV 3,018,756
PORTILLO RODRIGUEZ, TAMY MAY SHARLY 3,018,784
PORTOGHESE, PHILIP S. 3,018,750
POTINENI, RAJESH VENKATA 3,018,966
POTTI, AJAY SUNIL KIRAN KUMAR 3,019,165
POULSEN, SYLWIA 3,019,313
POWDERLY, JAMES 3,018,758
POWERS, BRADLEY 3,018,911
POXLEITNER, MAX 3,019,263
POZO, ALBERT PARRA 3,018,965
POZO, ALBERT PARRA 3,019,163
PPC BROADBAND, INC. 3,018,914
PPG COATINGS (TIANJIN) CO., LTD. 3,019,361
PPG INDUSTRIES OHIO, INC. 3,018,997
PRASAD, BHARGAV 3,018,936
PRATT, JOHN 3,018,802
PRAVER, MITCHELL 3,018,815
PRAXAIR TECHNOLOGY, INC. 3,019,320
PRECISION PLANTING LLC 3,019,222
PRECISION PLANTING LLC 3,019,223
PRECISION PLANTING LLC 3,019,225
PRECISION PLANTING LLC 3,019,227
PRECISION PLANTING LLC 3,019,230
PRESAGE BIOSCIENCES, INC. 3,018,932
PRESTON, ALEXANDER G 3,018,358
PROVINS, LAURENT 3,018,352
PSZENNY, SEAN MATTHEW 3,018,984
PSZENNY, SEAN MATTHEW 3,018,985
PSZENNY, SEAN MATTHEW 3,019,232
PUNNA, SREENIVAS 3,019,137
PUPOVAC, KRISTINA 3,018,809
PURAC BIOCHEM BV 3,019,265
PURDY, ERIC J. 3,018,914
QIAN, LINA 3,018,647
QU, GUANG 3,019,126
QU, GUANG 3,019,133
QU, LONG 3,019,257
QUALCOMM INCORPORATED 3,018,626
QUALCOMM INCORPORATED 3,018,890
QUALCOMM INCORPORATED 3,019,154
QUALCOMM INCORPORATED 3,019,158
QUALCOMM INCORPORATED 3,019,350
QUALCOMM INCORPORATED 3,019,353
QUALCOMM INCORPORATED 3,019,356
QUALCOMM INCORPORATED 3,019,403
QUAN, CONGLING 3,019,208
QUANTA ASSOCIATES, L.P. 3,019,136
QUERTECH INGENIERIE 3,019,252
QUERTECH INGENIERIE 3,019,255
QUERTECH INGENIERIE 3,019,259
QUERTECH INGENIERIE 3,019,261
QUERTECH INGENIERIE 3,019,269
QUICK FITTING, INC. 3,018,584

QUIDIENT, LLC 3,018,604
QUIRK, ROBIN A 3,018,629
R.P. SCHERER TECHNOLOGIES, LLC 3,019,398
RABIN, DAVID MAYER LOWELL 3,019,351
RABUKA, DAVID 3,019,398
RACKUS, DARIUS GEORGE 3,019,181
RADAELLI, GUIDO 3,019,396
RADERMACHER, HERBERT 3,019,305
RADKE, IAN 3,019,222
RADTKE, IAN 3,019,223
RADTKE, IAN 3,019,225
RADTKE, IAN 3,019,230
RAFAELI, OMER 3,019,349
RAGNI, LORELLA 3,018,619
RAHAMAN, OINDRILA 3,018,537
RAHMAN, SAYEEDUR 3,018,884
RAJKHOWA, RANGAM 3,018,765
RALSTON, TYLER S. 3,018,870
RALSTON, TYLER S. 3,018,967
RALSTON, TYLER S. 3,019,215
RAMEZANIFARD, MOHAMMADREZA 3,018,770
RAMIREZ BOSCA, ANA ADELA 3,018,625
RAMON VIDAL, DANIEL 3,018,625
RANZI, GIANLUCA 3,018,867
RAO, SAHANA BHIMA 3,018,936
RASANEN, JUKKA 3,018,648
RASMUSSEN, NIELS TJORNLY 3,019,085
RATTUNDE & CO GMBH 3,019,025
RATTUNDE, ULRICH 3,019,025
RAUCHENZAUNER, STEPHAN 3,019,271
RAY, SANGEETA 3,018,709
RAYMON, HEATHER 3,018,986
RBAYTI, ABDELKHALIC 3,019,234
REDAG CROP PROTECTION LTD 3,018,813
REEH, JONATHAN 3,018,631
REEKEN, RAINER 3,018,712
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,018,750
REICHERT, MATTHEW D. 3,018,721
REICHERT, THOMAS 3,018,362
REICHINGER, STEPHAN-FERDINAND 3,019,413
REID, JOHN GREGORY 3,019,146
REIDENBERG, BRUCE 3,018,587
REINAUER, FRANK 3,018,921
RENGER, KARL-HEINZ 3,019,404
RENGER, MARINA 3,019,404
RENMANS, MARC RENE BERT 3,019,343
RES POLYFLOW LLC 3,019,392
RESHETNYAK, YANA K. 3,018,561
REVEL, THOMAS 3,018,664
REYES, ENRIQUE ANTONIO 3,018,711
REYMANN, STEFFEN 3,019,177
REYNOLDS, JOHN M. 3,018,703
REYTIER, MAGALI 3,019,206
REZNIK, DANIEL 3,019,409
RHODE ISLAND COUNCIL ON POSTSECONDARY EDUCATION 3,018,561
RHODIA OPERATIONS 3,019,246
RICARD, MICHELLE AGNES 3,018,577
RICCI, MAURO 3,018,614
RICE, TYLER BYWATERS 3,018,567
RICE, TYLER BYWATERS 3,018,621
RICHARDS, SCOTT H. 3,019,183
RICHARDSON, THOMAS JOSEPH 3,019,356
RICHEY, FRANCIS W. 3,018,956
RICOH COMPANY, LTD. 3,018,825
RIKEN 3,018,824
RIORDAN, MICHAEL A. 3,018,556
RITE-HITE HOLDING CORPORATION 3,019,123
RITTAL GMBH & CO. KG 3,019,365
RITTMANIC, MATTHEW 3,018,563
RIZKALLAH, ANDREW J. 3,019,006
ROBBINS, MARK JOHN 3,019,248
ROBERT BOSCH GMBH 3,019,236
ROBERT, JOERG 3,018,639
ROBERT, JOERG 3,018,641
ROBERT, JOERG 3,019,018
ROBERTS, DAVID GERAINT 3,018,896
ROBERTS, DAVID GERAINT 3,019,186
ROBERTSON, DAVID 3,018,842
ROBICHAUD, ALBERT JEAN 3,019,146
ROBINSON, JOHN 3,018,780
ROCK, BENJAMIN 3,018,996
ROCKWOOL INTERNATIONAL A/S 3,019,413
RODRIGUES, KAVITHA IYER 3,018,936
ROGERS, MILES 3,019,362
ROGERS, RICK A. 3,019,336
ROLL-RITE, LLC 3,019,142
ROMAINE, IAN M. 3,018,974
ROMANCZUK, GREG 3,019,203
ROMARK LABORATORIES L.C. 3,019,326
ROMPE, ANDRE 3,019,395
ROMPE, ANDRE 3,019,397
ROONEY, MICHAEL STEVEN 3,018,748
ROSENECKER, JOSEPH 3,019,212
ROSSIGNOL, JEAN-FRANCOIS 3,019,326
ROTTIG, ANDREE 3,019,159
ROUSSELOT B.V. 3,018,812
ROUX, GABRIEL HENDRIK 3,019,334
ROUX, GUILHEM 3,019,206
ROY, SHOUNAK 3,018,537
ROY, SWARNALI 3,018,537
RRIDE MOBILITY PRODUCTS CORPORATION 3,018,873
RSP GMBH 3,019,404
RUAN, HONGZHENG 3,019,218
RUAN, PING 3,019,224
RUBIKLOUD TECHNOLOGIES INC. 3,018,881
RUBIKLOUD TECHNOLOGIES INC. 3,019,191
RUDOLPH, CARSTEN 3,018,904
RUEBENACKER, MARTIN 3,018,930
RUHE, WILLIAM RAYMOND, JR. 3,019,184
RURUP, WILLEM FREDERIK 3,019,381
RUSSI, VINCENZO 3,019,169
RUSSO, LEILEATA M. 3,018,365
RUSSO, VINCENZO 3,018,619
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,019,321
RZEPA, PAULA ROCHA 3,019,009
SABHARWAL, ANKUSH 3,018,962
SABIN, CULLEN M. 3,019,390
SACO AEI POLMERS, INC. 3,019,186
SACO AEI POLYMERS, INC. 3,018,896
SADANA, ANIL 3,019,125
SADOWSKI, BRYAN 3,018,996
SAFELINK AS 3,018,541
SAFEWHITE, INC. 3,018,963
SAFRAN AIRCRAFT ENGINES 3,018,664
SAFRAN CERAMICS 3,018,664
SAGE THERAPEUTICS, INC. 3,019,146
SAINT-GOBAIN GLASS FRANCE 3,019,147
SAINT-GOBAIN GLASS FRANCE 3,019,294
SAINT-GOBAIN GLASS FRANCE 3,019,296
SAINT-GOBAIN GLASS FRANCE 3,019,300
SAINT-GOBAIN GLASS FRANCE 3,019,303
SAINT-GOBAIN GLASS FRANCE 3,019,305
SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION 3,018,553
SAKAMOTO, KAZUKI 3,019,340
SAKARIA, RONAK 3,019,203
SALAZAR, KIM 3,018,601
SALINAS, CARLOS 3,018,631
SALITURO, FRANCESCO G. 3,019,146
SAMETI, MOHAMMAD 3,019,007
SAMSON, DANIEL 3,018,627
SAMULESON, PATRICK 3,019,358
SANCHEZ, NEVADA J. 3,018,870
SANCHEZ, NEVADA J. 3,019,215
SANCILIO, FREDERICK D. 3,019,375
SANGHERA, JASBINDER S. 3,018,996
SANO, YASUHITO 3,018,661
SANO, YASUHITO 3,018,663
SANOFI 3,018,992
SANOFI 3,019,026
SANOFI 3,019,245
SANSI OPTOELECTRONICS TECHNOLOGY (SHANGHAI) CO. LTD. 3,018,605
SANTEN PHARMACEUTICAL CO., LTD. 3,018,880
SANTO, GIUSEPPE 3,018,619
SANTORO, MARIA GABRIELLA 3,019,326
SARDESAI, NIRANJAN 3,018,566
SARDI, SERGIO PABLO 3,018,745
SARGENT, JOSEPH G. 3,018,553

SARUDBHAVA FORMULATIONS PRIVATE LIMITED 3,018,969
SATO, HARUMI 3,018,942
SATO, WATARU 3,018,942
SATYALAKSHMI, ORUGANTY 3,019,091
SAUCHELLI, MICHELE 3,018,867
SAUDI ARABIAN OIL COMPANY 3,018,757
SAUDI ARABIAN OIL COMPANY 3,018,788
SAUTY, NICOLAS 3,018,778
SAUVINET, VINCENT 3,019,294
SAUVINET, VINCENT 3,019,296
SAUVINET, VINCENT 3,019,300
SAUVINET, VINCENT 3,019,303
SAVANAH, STEPHANE 3,019,267
SAVANAH, STEPHANE 3,019,270
SAVANAH, STEPHANE 3,019,275
SAVANAH, STEPHANE 3,019,276
SAVARESI, SERGIO MATTEO 3,019,169
SCHABEL, JAY 3,019,392
SCHALL, THOMAS J. 3,019,391
SCHALLOM, JOHN 3,019,335
SCHAMMEL, WAYNE 3,019,396
SCHARVOGEL, MATTHIAS 3,018,808
SCHELL, MICHAEL 3,019,365
SCHEMMANN, MARCEL F. 3,018,716
SCHERWITZ, SAM 3,013,132
SCHERZER, CLEMENS 3,018,745
SCHEUFLER, STANLEY 3,018,731
SCHIFF, DAVID 3,018,766
SCHILLINGS, PETER 3,019,305
SCHLAGE LOCK COMPANY LLC 3,018,762
SCHLAGE LOCK COMPANY LLC 3,018,764
SCHLAGE LOCK COMPANY LLC 3,018,767
SCHLEHUBER, STEFFEN 3,018,814
SCHLUMBERGER CANADA LIMITED 3,019,330
SCHMID, HANS JUERGEN 3,018,804
SCHMITT, MICHAEL H. 3,018,964
SCHMITZ, CHRISTOPH 3,019,007
SCHNALBELRAUCH, MATTHIAS 3,019,382
SCHNEIDER, ANDREAS 3,018,362
SCHNEIDER, JOHN ROBERT 3,019,361
SCHNELL, STEFAN 3,019,002
SCHOLL, PAUL 3,018,794
SCHOLTEN, GERRIT JAN 3,019,379
SCHONLEBER, RALPH O. 3,018,618
SCHONLEBER, RALPH O. 3,018,627
SCHOTT AG 3,018,362
SCHOWENGERDT, BRIAN T. 3,018,782
SCHRAYVOGEL, RUDOLF 3,019,024
SCHRIMPF, MICHAEL 3,018,802
SCHROEDER, OLIVER 3,018,792
SCHUBERT, BERND 3,018,712
SCHUBERT, FRANK 3,019,143
SCHUETTE, JOHN 3,018,583
SCHUETTE, MARIO 3,019,179
SCHULZ, PETER J. 3,019,339
SCHULZ, PETER J. 3,019,348
SCHUMANN, ECKART 3,019,406
SCHUNCK, WOLF-HAGEN 3,019,028
SCHUSTER, HANS-MICHAEL 3,019,234
SCHWAEBLE, HANS-WILHELM 3,018,774
SCHWARZ, RICHARD A. 3,019,392
SCHWENKER, KAI-OLIVER 3,018,351
SCIALLA, STEFANO 3,018,930
SCIENTIFIC ANGLERS LLC 3,019,129
SCIKON INNOVATION, INC. 3,018,696
SCOGIN, MATTHEW 3,019,318
SCORRBOARD, LLC 3,018,744
SCRIVENS, MARIA G. M. 3,018,990
SEAL, JONATHAN THOMAS 3,018,358
SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE) 3,018,588
SEBESTA, KENNETH D. 3,018,601
SEGERINK, LOES IRENE 3,019,381
SEHGAL, AMIT 3,019,246
SEIDEL, ANDREAS 3,018,809
SEIDEL, RONALD D., III 3,019,005
SELA, GAL 3,018,876
SENA-ESTEVES, MIGUEL 3,019,315
SENAIAR, RAMESH 3,019,014
SENDA, SHO 3,019,089
SERRANO, CARMONA RAUL 3,018,580
SERVICENOW, INC. 3,019,359
SETTEGAST, SILKE 3,019,406
SHA, KOJI 3,018,794
SHABTAI, AVI 3,018,925
SHADIACK, ANNETTE 3,019,375
SHAH, RUCHI RUDRAPRASAD 3,018,978
SHAKESHEFF, KEVIN M 3,018,629
SHANDONG LUOXIN PHARMACEUTICAL GROUP STOCK CO., LTD. 3,018,801
SHANGHAI HAIHE PHARMACEUTICAL CO., LTD. 3,018,602
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 3,018,599
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 3,018,602
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 3,018,800
SHANGHAI SANSI ELECTRONIC ENGINEERING CO. LTD. 3,018,605
SHANGHAI SANSI TECHNOLOGY CO. LTD. 3,018,605
SHANGHAI XINSHENPAI TECHNOLOGY CO., LTD. 3,019,188
SHARER, SHLOMO EREZ 3,018,573
SHARMA, ANKURINA 3,018,936
SHARMA, RASHMI 3,018,936
SHARP KABUSHIKI KAISHA 3,018,891
SHAW, EDWARD E. 3,019,347
SHAW, LUCINDA J. 3,018,978
SHEARER, GARY 3,018,737
SHEIN, ANDREW M. 3,018,601
SHEN, MICHAEL W.Y. 3,019,400
SHENOY, BHARATH RAVINDRA 3,018,936
SHENZHEN PHARMACIN CO., LTD. 3,019,257
SHENZHEN ROYOLE TECHNOLOGIES CO., LTD. 3,019,219
SHEPPARD, DEAN 3,019,130
SHEPPARD, GEORGE S. 3,018,802
SHETTY, GAUTAM N. 3,018,880
SHEVGOOR, SIDDARTH K. 3,018,773
SHI, GUOPING 3,018,615
SHI, TAO 3,018,986
SHIGETOMI, KIYOE 3,019,346
SHIN, DONG HWAN 2,998,245
SHIN, YE JI 2,998,245
SHINER, STEPHEN M. 3,018,529
SHINING 3D TECH CO., LTD. 3,018,886
SHIRALI, KEDAR DURGADAS 3,019,403
SHOJI, MASAAKI 3,018,940
SHORT BROTHERS PLC 3,018,715
SHORT, AUSTIN 3,019,179
SHU, HUADE 3,018,753
SIBELLO, PETER 3,018,595
SIEGEL, COREY A. 3,018,589
SIEGLE, GREG J. 3,019,351
SIEMENS AKTIENGESELLSCHAFT 3,019,193
SIEMENS AKTIENGESELLSCHAFT 3,019,271
SIEMENS AKTIENGESELLSCHAFT 3,019,273
SIEMENS AKTIENGESELLSCHAFT 3,019,406
SIEMENS AKTIENGESELLSCHAFT 3,019,409
SIEMENS MOBILITY GMBH 3,019,395
SIEMENS MOBILITY GMBH 3,019,397
SIERRAALTA, ADA ALICIA 3,018,963
SIGNAL PHARMACEUTICALS, LLC 3,018,986
SIGNAL PHARMACEUTICALS, LLC 3,019,105
SIGOUIN, OLIVIER 3,019,331
SIKA TECHNOLOGY AG 3,018,350
SIKA TECHNOLOGY AG 3,018,603
SILINA, ALINA 3,019,380
SILURIA TECHNOLOGIES, INC. 3,019,396
SIMOENS, ANTHONY 3,019,314
SIMON FRASER UNIVERSITY 3,018,579
SIMON HERRERA, PEDRO DAVID 3,018,900
SINCLAIR, ROBERT B. 3,019,000
SINGH, RATNESH 3,019,357
SINGH, SHARAT 3,018,564
SINGH, SHOBHIT KUMAR 3,018,962

SINICROPI, JOHN 3,019,132
SINK, NATHAN 3,019,236
SIQUIER, RAFAEL JORDA 3,018,955
SIRKAR, RHEA 3,018,985
SISSONS, SEAN EDWARD 3,018,792
SLADKOVA, MARTINA 3,019,383
SLEIJSTER, HENRY 3,018,648
SLEIMAN, SUMIER 3,018,795
SLEVIN, MIKE EDWARD 3,018,896
SLEVIN, MIKE EDWARD 3,019,186
SLJIVAR, SLAVEN 3,018,939
SLOAN, DAVID J. 3,018,696
SLOAN, GINA PARISE 3,019,008
SMAJDA, KENNETH J. 3,018,961
SMART.MARKET, INC. 3,018,556
SMARTDRIVE SYSTEMS, INC. 3,018,939
SMESTAD, DORAN 3,018,368
SMITH, AMY MADISON RHODEN 3,018,978
SMITH, ERNEST S. 3,018,990
SMITH, GAVIN 3,019,177
SMITH, PAUL N. 3,018,746
SMITH, VICTORIA 3,019,003
SNIDER, R. RYAN 3,019,102
SOGA, MASAKI 3,018,822
SOL, RUSTU 3,019,406
SOLITON, INC. 3,018,842
SONATEC-INTER SARL 3,018,634
SONG, YANG 3,019,137
SONGRAS, DONALD R. 3,018,998
SONNAY, GILBERT 3,018,634
SONY CORPORATION 3,018,564
SONY CORPORATION OF AMERICA 3,018,564
SOROKINA, MARIIA 3,018,807
SOSNOWSKI, WLODZIMIERZ 3,018,839
SOULAGE, ARNAUD 3,019,314
SOUTHWIRE COMPANY, LLC 3,019,328
SPARK THERAPEUTICS, INC. 3,019,126
SPARK THERAPEUTICS, INC. 3,019,133
SPECGX LLC 3,019,335
SPIEGEL, DAVID 3,018,535
SPRZAGALA, MARC TIMON 3,018,362
SQUARE, INC. 3,018,797
SQUARE, INC. 3,019,369
SREEDHARALA, VENKATA NOOKARAJU 3,018,969
SRINIVASAN, SANKARANARAYANAN 3,018,936
SRINIVASAN, SUDARSAN 3,018,766
SRINIVASAN, SUDARSAN 3,018,770
SRINIVASAN, SUDARSAN 3,018,771
SRINIVASAN, SUDARSAN 3,019,344
SSUBRAMANIAM, SURYA 3,019,324
STADELMAIER, ANDREAS 3,018,618
STADELMAIER, ANDREAS 3,018,627
STALDER, MICHAEL H. 3,018,712
STARIK, ERAN 3,019,274
STC.UNM 3,019,000
STEADMAN, CONNIE ANNA 3,018,781
STEENBERGEN, RENSKE DANIELA MARIA 3,019,381
STEFANONI, ROBERTO 3,018,803
STEFFENS, ALEXANDER 3,019,085
STELLA, VALENTINO J. 3,019,137
STEPHENSON, STANLEY V. 3,019,319
STERBERG, HAL 3,019,357
STERILANCE MEDICAL (SUZHOU) INC. 3,018,615
STERN-BERKOWITZ, JANET A. 3,019,371
STEVENSON, JENNIFER L. 3,019,150
STEVENSON, ROBERT A. 3,019,150
STEVENSON, RYAN A. 3,019,150
STEVENSON, WENDY L. 3,019,150
STOESSIGER, MATHEW 3,018,715
STOICA, LORELEI 3,019,315
STOLL, PERRY 3,018,601
STOLLER, JASON 3,019,222
STOLLER, JASON 3,019,223
STOLLER, JASON 3,019,225
STOLLER, JASON 3,019,230
STOLLWERCK, GUNTHER A.J. 3,018,712
STOUT, MARTY 3,018,769
STRAATHOF, MICHIEL HANNES 3,018,640
STRAATHOF, MICHIEL HANNES 3,018,650
STRANG, KENNETH 3,019,194
STRICKROTH, ALAIN 3,018,912
STRICKROTH, ALAIN 3,018,913
STRICKROTH, ALAIN 3,018,938
STROMER, FREDRIK 3,019,411
STRYKER EUROPEAN HOLDINGS I, LLC 3,018,655
SUGIKI, MASAYUKI 3,019,325
SUGIMOTO, NAO 3,019,325
SUGIO, YASUSHI 3,019,340
SUGIYAMA, HIDEYUKI 3,019,298
SUKUMARAN, ABHAY 3,019,369
SULIKOWSKI, GARY A. 3,018,974
SUMMERS, ROBERT J., III 3,018,543
SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED 3,018,670
SUN, GANGWEI 3,018,594
SUN, JING 3,019,350
SUN, JING 3,019,353
SUN, WENDELL 3,018,723
SUN, YABIN 3,019,189
SUN, YIMIN 3,018,757
SUNDARAM, APARNA 3,019,130
SUNDERLAND, WENDY 3,019,128
SUNDHOLM, GORAN 3,019,151
SUNTORY HOLDINGS LIMITED 3,018,690
SUZUKI, TATSUYA 3,019,346
SVEJKOVSKY, PAUL BLAKE 3,018,879
SWANSON, RYAN 3,019,199
SWANSON, RYAN 3,019,202
SWATZEL, KENNETH D., III 3,019,102
SWINNEY, MONICA RIXMAN 3,018,984
SWINNEY, MONICA RIXMAN 3,018,985
SWORTS, LANCE M. 3,019,368
SYGLETOS, STYLIANOS 3,018,807
SYNAPTIVE MEDICAL (BARBADOS) INC. 3,018,876
SYNEURX INTERNATIONAL (TAIWAN) CORP. 3,018,893
SYNGENTA PARTICIPATIONS AG 3,019,009
SZAUTER, PAUL 3,019,000
TACK, JOHANNES 3,019,382
TAGAMI, UNO 3,019,325
TAHARA, MASAHIKO 3,018,697
TAIPEI MEDICAL UNIVERSITY 3,018,637
TAISHO PHARMACEUTICAL CO., LTD. 3,019,097
TAKAHASHI, TOSHIYUKI 3,018,942
TAKAHASHI, YUKIHIRO 3,019,100
TAKASAGO INTERNATIONAL CORPORATION 3,019,288
TAKASHIMA, YOSHINORI 3,019,325
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,019,091
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,019,134
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,019,298
TALERIS GLOBAL LLP 3,019,248
TALUKDAR, ARINDAM 3,018,537
TAN, LI 3,019,182
TANAKA, S. KEN 3,018,872
TANG, CHAO 3,018,798
TANG, GUANGYE 3,019,218
TANG, HAI 3,018,597
TANG, JIANSHENG 3,018,752
TANG, SHUAI 3,018,602
TANG, WEIYONG 3,019,364
TANG, WENQIAN 3,018,596
TANVEX BIOPHARMA USA, INC. 3,019,400
TAO, YIWEN 3,019,400
TAPIE, THIERRY 3,018,600
TAULBEE, ALVIN SCOTT 3,019,329
TAYKOWSKI, TODD D. 3,018,752
TAYLOR, ROBERT JAMES 3,018,871
TECHNI HOLDING AS 3,019,386
TELEFLEX LIFE SCIENCES UNLIMITED COMPANY 3,019,313
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,019,160
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,019,372
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,019,376
TELENTI, AMALIO 3,018,705
TELESTE OYJ 3,018,613
TELLO, CELSO 3,018,546
TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,018,617
TEMPRA TECHNOLOGY, INC. 3,019,390
TEN CATE, AAFKE TESSA 3,018,640
TESLER, SERGEY 3,019,128
TESSON, THIERRY 3,018,664
TESTA, ANDREA 3,019,169
TESTERS, INC. 3,018,738
TEURMAN, CORY 3,018,631

TEZUKA, ATSUSHI 3,018,697
THALES MANAGEMENT & SERVICES DEUTSCHLAND GMBH 3,018,917
THANIGAIVEL, ASWINI 3,018,936
THE BIG SWING COMPANY LTD 3,019,416
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,018,745
THE CHARLES STARK DRAPER LABORATORY, INC. 3,019,362
THE GENERAL HOSPITAL CORPORATION 3,018,365
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,019,181
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,019,196
THE GOVERNMENT OF THE USA, AS REPRESENTED BY THE SECRETARY OF THE NAVY 3,018,996
THE GOVERNORS OF THE UNIVERSITY OF ALBERTA 3,018,924
THE JOHNS HOPKINS UNIVERSITY 3,018,709
THE PATENT WELL LLC 3,018,595
THE PROCTER & GAMBLE COMPANY 3,018,552
THE PROCTER & GAMBLE COMPANY 3,018,555
THE PROCTER & GAMBLE COMPANY 3,018,559
THE PROCTER & GAMBLE COMPANY 3,018,598
THE PROCTER & GAMBLE COMPANY 3,018,799
THE PROCTER & GAMBLE COMPANY 3,018,930
THE PROCTER & GAMBLE COMPANY 3,018,988
THE PROCTER & GAMBLE COMPANY 3,019,343
THE QUAKER OATS COMPANY 3,018,569
THE QUAKER OATS COMPANY 3,018,574
THE QUAKER OATS COMPANY 3,018,583
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,018,568
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,018,694
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,018,729
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,018,960
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,019,130
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,019,306
THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE 3,018,727
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 3,018,959
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 3,019,012
THE UNIVERSITY OF SYDNEY 3,018,867
THE VIKING CORPORATION 3,018,948
THE VIKING CORPORATION 3,018,950
THE VIKING CORPORATION 3,019,002
THERAPEUTICSMD, INC. 3,019,375
THERKILDSEN, KASPER TIPSMARK 3,019,193
THERMOCHEM RECOVERY INTERNATIONAL, INC. 3,018,980
THOM, PETER R. 3,019,141
THOMAS, ADRIAN 3,018,620
THOMAS, CRAIG 3,018,959
THOMAS, CRAIG 3,019,012
THOMAS, FRANK 3,018,881
THOMAS, KORBIN 3,019,194
THOMPSON, JEREMY B. 3,018,699
THORSTEINSSON, THORSTEINN 3,019,375
THOUIN, PHILIPPE 3,018,612
TIAN, KEGUI 3,018,768
TIAN, KEGUI 3,018,865
TIAN, XIN 3,018,649
TIBERMAN, YONIT 3,019,272
TIEMESSEN, IVO JOHANNES HENDRIKUS 3,019,140
TIMCO, DANIEL JAMES 3,018,763
TIMMERMANN, JORG 3,018,606
TIMMERMANN, JORG 3,018,609
TIMMERMANN, JORG 3,018,642
TIMMERMANN, JORG 3,018,643
TIMMERMANN, JORG 3,018,644
TIMMERS, RICHARD 3,018,632
TIMPERI, MIKKO JUHANI 3,018,977
TINGLER, JEREMY 3,019,329
TITTL, JESSICA RAE 3,018,768
TITTL, JESSICA RAE 3,018,865
TIWARI, ANURAG 3,018,936
TJOELKER, LARRY 3,018,774
TM4 INC. 3,019,187
TO PHARMACEUTICALS LLC 3,018,951
TODA, ERIKA 3,018,824
TOGNI, STEFANO 3,019,001
TOKUHARA, HIDEKAZU 3,019,298
TOKYO METROPOLITAN UNIVERSITY 3,018,824
TOLLEFSEN, TORLEIF A. 3,019,386
TONGIANI, SERENA 3,018,619
TORAY INDUSTRIES, INC. 3,019,094
TORAY INDUSTRIES, INC. 3,019,096
TORAY INDUSTRIES, INC. 3,019,284
TORAY INDUSTRIES, INC. 3,019,297
TORNIER, INC. 3,018,789
TORRES, ANDREW SOLIZ 3,018,505
TORRES, GABRIEL 3,019,132
TOYAMA CHEMICAL CO., LTD. 3,019,281
TRAGARA PHARMACEUTICALS, INC. 3,018,875
TRAN, TAM M. 3,018,986
TRAPANI, MATTHEW FRANK 3,018,592
TREITEL CHEMICAL ENGINEERING LTD. 3,018,947
TREITEL, SHARON PINHAS 3,018,947
TREMBLEY, JEAN-PHILIPPE 3,019,140
TRENT UNIVERSITY 3,019,010
TREON, STEVEN P. 3,019,182
TRILUMINA CORP. 3,018,888
TRUDELL MEDICAL INTERNATIONAL 3,019,203
TRZEBNY, CRAIG 3,019,358
TSAI, GUOCHUAN EMIL 3,018,893
TSUCHIYA, CHIKAO 3,018,661
TSUCHIYA, CHIKAO 3,018,663
TSUCHIYA, TERUMASA 3,018,697
TSUJI, TOSHIYA 3,018,986
TTX COMPANY 3,018,884
TUCKER, JOHN ALAN 3,018,784
TURNER, ROBERT 3,018,900
TURPIN, MATTHEW J. 3,019,339
TURPIN, MATTHEW J. 3,019,348
TUTTIFOODI B.V. 3,019,384
TUTUNARU, CATALIN 3,019,103
TWADDELL, DANIEL L. 3,018,751
TWADDELL, DANIEL L. 3,018,905
TWOMBLY, WESLEY 3,018,569
TWOMBLY, WESLEY 3,018,574
TWOMBLY, WESLEY 3,018,583
UCB BIOPHARMA SPRL 3,018,352
UCB BIOPHARMA SPRL 3,018,907
UCB BIOPHARMA SPRL 3,018,992
UCB BIOPHARMA SPRL 3,019,026
UCB BIOPHARMA SPRL 3,019,245
UEDA, HIROTOSHI 3,018,659
UEDA, KENTARO 3,018,937
UENO, YOSHIYUKI 3,019,094
ULLSTROM, JOHANNES 3,019,239
UNILEVER PLC 3,019,208
UNILEVER PLC 3,019,210

UNITED STATES POSTAL SERVICE 3,018,585
UNIVATION TECHNOLOGIES, LLC 3,019,327
UNIVERSITATSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAT MAINZ 3,019,241
UNIVERSITE DE LILLE 2 DROIT ET SANTE 3,018,637
UNIVERSITE DU LITTORAL COTE D'OPALE 3,018,637
UNIVERSITE PARIS DIDEROT PARIS 7 3,019,412
UNIVERSITY OF CANBERRA 3,019,178
UNIVERSITY OF LEICESTER 3,018,774
UNIVERSITY OF LIMERICK 3,019,023
UNIVERSITY OF MARYLAND, BALTIMORE 3,018,959
UNIVERSITY OF MARYLAND, BALTIMORE 3,019,012
UNIVERSITY OF MASSACHUSETTS 3,019,311
UNIVERSITY OF MASSACHUSETTS 3,019,315
UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 3,019,351
UNNIKRISHNAN, DIVYA 3,018,936
UPMC 3,019,351
UPRETY, KRISHNA K. 3,018,997
URCH, CHRISTOPHER JOHN 3,018,813
UTOPIX MEDICAL, LLC 3,018,868
UTTURKAR, YOGEN VISHWAS 3,019,393
UY, JOHNNY 3,019,380
VACCINEX, INC. 3,018,990
VADLAMUDI, KRISHNA VENI 3,019,165
VAIDYA, ALEKH 3,018,939
VAJDA, PETER 3,018,965
VAJDA, PETER 3,019,163
VALADE, ANNE 3,018,352
VAN DE MOOTER, GUY 3,018,812
VAN DEN BERG, ALBERT 3,019,381
VAN DER ZEE, WOUTER 3,019,107
VAN DRIEL, CHRISTOFFEL ADRIANUS 3,018,640
VAN DRIEL, CHRISTOFFEL ADRIANUS 3,018,650
VAN HOYWEGHEN, DANNY 3,018,952
VAN LATUM, LUCAS 3,019,159
VAN LOON, ACHIEL J.M. 3,018,952
VANBRUNT, MICHAEL 3,018,564
VANDEKERCKHOVE, STIJN 3,018,999
VANDER ELST, LUC 3,019,266
VANDERBILT UNIVERSITY 3,018,974
VARUGHESE, JIBI 3,018,631
VASGAARD, AARON JAMES 3,018,871
VAUGHAN, HEIDI 3,018,548
VAYSBERG, MARIA 3,019,003
VELTEK ASSOCIATES, INC. 3,019,337
VELUSAMY, MATHUMATHI 3,018,692
VENA, MARCELLO 3,019,169
VERCO DECKING, INC. 3,018,593
VERGARA, JULIO L. 3,019,306
VERGAUWEN, BJORN 3,018,812
VERMEER, WILLEM HENDRIK 3,019,384
VERSCHUUR, DIRK JACOB 3,018,757
VERTEX PHARMACEUTICALS INCORPORATED 3,019,380
VIA SURGICAL LTD. 3,018,652
VIDIAMO 3,019,157
VIEHOFER, ULF 3,018,808
VIESSMANN WERKE GMBH & CO. KG 3,018,606
VIESSMANN WERKE GMBH & CO. KG 3,018,609
VIESSMANN WERKE GMBH & CO. KG 3,018,642
VIESSMANN WERKE GMBH & CO. KG 3,018,643
VIESSMANN WERKE GMBH & CO. KG 3,018,644
VIJAY, SAMEER 3,018,648
VILAETIS, KONSTANTINOS 3,018,703
VILLALOBOS, GUILLERMO R. 3,018,996
VINCENT, PIERRE 3,018,544
VIROUX, PATRICK 3,019,140
VIRTUAL HOLD TEHNOLOGY, LLC 3,018,666
VISTA OUTDOOR OPERATIONS LLC 3,018,746
VISTA OUTDOOR OPERATIONS LLC 3,018,754
VISVANATHAN, SUDHA 3,018,794
VMI HOLLAND B.V. 3,019,379
VOLKEL, CHRISTOPH 3,019,382
VONTORCIK, JOSEPH J., JR. 3,019,366
VYLIMEC, JIRI 3,018,656
W. L. GORE & ASSOCIATES, INC. 3,019,347
WABNEGGER, DAVID KARL 3,019,136
WACHOWICZ, REBECCA J. 3,018,968
WACHOWICZ, REBECCA J. 3,018,979
WACTOR, IVAN JEREMY DANE 3,018,556
WAFA AL DAJANI, WALEED 3,018,578
WAGNER DIMAS, INC. 3,018,975
WAGNER, MITCHELL AARON 3,018,975
WAGSTAFF, SAMUEL R. 3,018,743
WAINER, IRVING 3,019,012
WAJDA, CHESTER 3,018,734
WAJE, MAHESH 3,018,631
WAKEHAM, CHRISTOPHER THOMAS 3,018,977
WALCZAK, ROBERT 3,019,205
WALCZAK, ROBERT 3,019,399
WALK VASCULAR, LLC 3,019,166
WALL, IAN DAVID 3,018,358
WALLACE, JOHN 3,018,724
WALLNER, CHRISTIAN 3,018,917
WALMART APOLLO, LLC 3,018,791
WALMART APOLLO, LLC 3,018,871
WALMART APOLLO, LLC 3,018,971
WALMART APOLLO, LLC 3,018,994
WALMART APOLLO, LLC 3,019,006
WALMART APOLLO, LLC 3,019,329
WALMART APOLLO, LLC 3,019,378
WALTER, KRISTIAN 3,019,411
WALTERS, HAROLD G. 3,019,319
WAN, HUIXIN 3,018,602
WANG, BING 3,019,387
WANG, CHING-CHENG 3,018,893
WANG, GAOFENG GARY 3,018,579
WANG, HUOJIAN 3,018,647
WANG, JIANG 3,018,599
WANG, JIANG 3,018,800
WANG, JUN 3,018,716
WANG, LE 3,018,802
WANG, SHANCHUN 3,018,649
WANG, TIE-LIN 3,018,801
WANG, WEI 3,018,755
WANG, WEI 3,019,361
WANG, WENBIN 3,018,886
WANG, XIAO-FEN 3,018,792
WANG, YINGYING 3,018,991
WANG, ZEREN 3,019,257
WARD, GLENN STEVEN 3,018,930
WARKANDER, DAN 3,019,170
WARREN, MIAL E. 3,018,888
WATANABE, MUNEMITSU 3,018,697
WATERSON, ALEX GREGORY 3,018,974
WATERSTONE PHARMACEUTICALS (WUHAN) CO., LTD. 3,018,647
WATKINS, CARL E., JR. 3,018,752
WATKINS, MELANIE JAYNE 3,019,009
WATSON, MATHEW D. 3,018,782
WATSON, ROBERT J 3,018,358
WEATHERSBEE, MICHAEL 3,019,236
WEBER, ECKARD 3,018,875
WEBER, MARC PHILIPP 3,016,052
WECHSLER, JOHANNES 3,018,639
WECHSLER, JOHANNES 3,018,641
WEENINK, GIJS ROBERTUS JOHANNES 3,019,384
WEERSINK, RENE TARCISIUS WIRO 3,018,645
WEI, PENG 3,019,219
WEICHOLD, JENS 3,018,712
WEINER, DAVID B. 3,018,566
WEISMANN, CARA 3,019,315
WEISS, LUDWIG 3,018,904
WEISSENBERGER, UWE 3,019,147
WEISSER, JURGEN 3,019,382
WELCH, KAREN TERRY 3,019,008
WENG, WEI 3,018,958
WESSER, TIM 3,019,028
WEST FRASER MILLS LTD. 3,019,389
WEST, MICHAEL D. 3,019,357
WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION 3,018,961
WEYRAUCH, DETLEV 3,018,783
WEYRAUCH, DETLEV 3,018,785
WEYRAUCH, DETLEV 3,018,805
WHALEN, JON 3,019,338
WHEELER, AARON RAY 3,019,181
WHEELER, AARON RAY 3,019,196
WHITAKER, DEREK 3,019,415

WHITE ANVIL INNOVATIONS, LLC 3,019,336
WHITE, SEAN MICHAEL 3,018,567
WHITE, SEAN MICHAEL 3,018,621
WHITE, STEVE JR. 3,018,547
WHITEMAN, ROBERT 3,019,419
WHOLESALE TURF SUPPLY LLC 3,018,547
WICKER, NICOLE KAYLOR 3,019,338
WIKMAN, COLLIN S. 3,019,369
WILCOX, GEORGE LATIMER 3,018,750
WILCOX, SHAWN ARD 3,018,781
WILCOX, THOMAS A. 3,018,888
WILDE, CAROLINE 3,019,253
WILDERMUTH, PAUL 3,019,222
WILDERMUTH, PAUL 3,019,223
WILDERMUTH, PAUL 3,019,225
WILDERMUTH, PAUL 3,019,227
WILHELM, RONALD 3,018,814
WILKES, JOHN MATTHEW 3,018,738
WILKOWSKI, STEPHEN PAUL 3,019,129
WILLIAMS, EARL OTTO 3,018,791
WILLIAMSON, ALEXANDER 3,019,324
WILLIS, DAVID B. 3,018,761
WILNECHENKO, BRUCE 3,019,194
WILSON, DUANE C. 3,019,323
WILSON, MATT 3,019,338
WILSON, TODD 3,019,338
WILTZIUS, JED 3,019,135
WILTZIUS, JED 3,019,149
WINKELMULLER, WENDELIN 3,018,808
WISCONSIN ALUMNI RESEARCH FOUNDATION 3,019,342
WITHROW, RYAN 3,019,123
WITZEL, ANDREAS 3,019,160
WOBBEN PROPERTIES GMBH 3,019,098
WOLFING, BERND 3,018,362
WOLFRAM, TOBIAS 3,018,921
WOMBACHER, FRANZ 3,018,350
WON, CHIKYUNG 3,018,601
WONG, LILLY L. 3,018,986
WOOLVEN, JAMES MICHAEL 3,018,358
WORLDVU SATELLITES LIMITED 3,018,724
WORTHINGTON INDUSTRIES, INC. 3,018,551
WRAP TECHNOLOGIES, INC. 3,018,889
WRIGHT, CRAIG STEVEN 3,019,267
WRIGHT, CRAIG STEVEN 3,019,270
WRIGHT, CRAIG STEVEN 3,019,275
WRIGHT, CRAIG STEVEN 3,019,276
WRIGHT, JOHN FRASER 3,019,126
WRIGHT, JOHN FRASER 3,019,133
WU, JEFFREY 3,019,011
WU, WENJU 3,019,105
WU, YUE 3,019,132
WU, ZHAOXUE 3,018,798
WYRWA, RALF 3,019,382
X4 PHARMACEUTICALS, INC. 3,019,394
XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD. 3,018,623
XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD. 3,018,633
XIAMEN TALENT BIOMEDICAL TECHNOLOGY COMPANY, LTD. 3,018,638
XIANG, XIAOPING 3,018,886
XIN, HENRY 3,018,763
XU, JEAN 3,019,105
XU, JUN 3,019,257
XU, LI 3,018,605
XU, SUICHAN 3,018,986
Y.SHARE S.R.L. 3,019,169
YALE UNIVERSITY 3,018,535
YAMADA, CHIAKI 3,019,284
YAMADA, KATSUSHIGE 3,019,096
YAMADA, KATSUSHIGE 3,019,284
YAMADA, KATSUSHIGE 3,019,297
YAMADA, MASAYUKI 3,019,094
YAMAKAWA, HIROKO 3,019,091
YAMAKAWA, TERUYOSHI 3,018,944
YAMAMOTO, JON 3,018,868
YAMAMOTO, SHINICHI 3,018,539
YAMAMOTO, TAKASHI 3,018,894
YAMANAKA, MASAYOSHI 3,018,669
YAMANO, TAKAYUKI 3,018,539
YAMAUCHI, YUKO 3,019,097
YAN, JIAN 3,018,566
YANAR, CAGATAY 3,018,755
YANG, BRUCE YEE 3,018,567
YANG, BRUCE YEE 3,018,621
YANG, GUANG 3,019,182
YANG, KAI 3,018,900
YANG, PINFEN 3,018,572
YANG, WENFU 3,019,361
YANG, XIAOFAN 3,019,364
YANG, YANG 3,018,626
YANG, YANQING 3,018,649
YANG, YINGHUA 3,018,596
YANG, ZHAO 3,018,649
YANG, ZHIJUN 3,018,596
YANNONE, STEVEN M. 3,018,993
YARBROUGH, LIAM 3,018,746
YASEVAC, DANIEL 3,019,344
YE, CHONGMAO 3,018,886
YE, ZI 3,018,886
YEE, RYAN MASAO 3,018,560
YESTREPSKY, ADAM J. 3,019,233
YIN, GUOCHAO 3,019,016
YIN, XIHUI 3,019,323
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